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Geol Survey

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ILLINOIS PETROLEUM NO. 67

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OIL AND GAS DEVELOPMENT IN ILLINOIS DURING 1951

By  
ALFRED H. BELL and VIRGINIA KLINE

REPRINTED FROM  
STATISTICS OF OIL AND GAS DEVELOPMENT AND PRODUCTION COVERING 1951  
AMERICAN INSTITUTE OF MINING AND METALLURGICAL ENGINEERS



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# FOOTNOTES TO COLUMN HEADINGS

## TABLE I

*a* All fields to be listed alphabetically, and if by counties, the latter also in alphabetical order.

*b* Use as many numbered lines as necessary to list in order of increasing depth each reservoir productive of oil, gas or condensate. In multi-reservoir fields the (upper) line on which the field name is placed should reflect, in certain columns, the totals of the separate reservoirs listed below it. Show name of producing formation, and show its age by abbreviation as follows: Cam, Cambrian; Ord, Ordovician; Sil, Silurian; Dev, Devonian; Mis, Mississippian; Mis L, Lower Mississippian; Mis U, Upper Mississippian; Pen, Pennsylvanian; Per, Permian; Tri, Triassic; Jur, Jurassic; Cre L, Lower Cretaceous; Cre U, Upper Cretaceous; Eoc, Eocene; Olig, Oligocene; Mio, Miocene; Pli, Pliocene.

*c* Volume of gas produced from the field and not returned to the reservoir. Indicate measurement pressure base in special footnote.

*d* Only gas production shown in the gas production column of this table, and only oil shown in the oil production column of this table, should be considered in calculating entries for this column, i.e., entries should correspond with gas production for the year divided by oil production for the year.

*e* Include all original completions, but exclude workovers or well deepened or plugged back. Abandoned refers only to wells abandoned after having produced oil, gas or condensate and is not to include wells abandoned without having secured production.

*f* A well producing both oil and gas is classified as an oil well, unless it has been designated as a gas well by the State regulatory agency. Gas wells are wells producing gas only or condensate, and wells producing gas with some oil but classified as gas wells by the State regulatory agency.

*g* Show type of operation as indicated by the following symbols: P, pressure maintenance; G, gas injection; W, water injection; C, cycling.

*h* Show weighted average gravity A.P.I. as oil is de-

livered to the pipe lines and percentage of sulphur, if any, in the oil. Where oils from more than one reservoir are commingled and delivered into the pipe line at a gravity of 26 to 26.9, show as 26<sup>0</sup>, etc.

*i* Show character of formation by code letter as follows: A, anhydrite; C, chalk; Cg, conglomerate; Ch, chert; CR, cap rock; D, dolomite; Da, arkosic dolomite; Gw, granite wash; Sh, shale; L, limestone; LS, limestone, sandy; OL, oolitic limestone; S, sandstone.

*j* Figures represent ratio of pore space to total volume of net reservoir rock expressed in per cent. P indicates reservoir rock is of porous type, but ratio is not known by the author. C, indicates that the reservoir rock is of cavernous type; and F, fissure type.

*k* Show actual depth to top of producing zone or reservoir. If producing zone is a series of interbedded sands and shales, and the sands are all productive or capable of producing, show the depth to top of top sand member.

*l* Show actual average thickness that is producing or known to be productive. If, for example, average thickness of productive zone above water level is 50 feet, show 50 feet, even though wells are completed in only upper 10 or 15 feet of zone.

*m* A, anticlinal; AF, anticlinal with faulting as important factor; Af, anticlinal with faulting as minor factor; AM, accumulation due to both anticlinal and monocline structure; D, dome; DS, salt dome; H, strata are horizontal or nearly horizontal; MC, monocline with accumulation due to change in character of stratum; MF, monocline-fault; MI, monocline with accumulation against igneous barrier; ML, monocline-lense; MU, monocline-unconformity; MP, monocline with accumulation due to sealing at outcrop by asphalt; N, nose; S, syncline; SL, shoreline; T, terrace; TF, terrace with faulting as important factor.

*n* Show name of deepest stratigraphic zone tested and total depth of well that tested such zone, whether it is deepest well in field or not.

*x* Correct entry not determinable.

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# Oil And Gas Developments In Illinois

## During 1951

By ALFRED H. BELL <sup>1/2/</sup> AND VIRGINIA KLINE <sup>2/</sup>

### PRODUCTION AND DRILLING

In 1951 Illinois produced 60,244,000 bbls of oil, <sup>3/</sup> or 2.7 per cent of the total for the United States, dropping to seventh place in the country after having ranked sixth for eight consecutive years. Production decreased by three per cent from 1950, when the total Illinois production was 62,028,000 bbls <sup>4/</sup> (Fig. 2). Daily average production by months was as follows:

Months	Barrels	Months	Barrels
January	169,000	July	166,000
February	158,000	August	167,000
March	166,000	September	161,000
April	167,000	October	170,000
May	170,000	November	166,000
June	163,000	December	159,000

Production for January was slightly higher than for January, 1950; during July and November it was the same as in these months in 1950 and during the other nine months of 1951 daily production ranged, by months, from 1,000 to 12,000 bbls less than during the same months in 1950, averaging about 6,000 bbls lower. The number of producing wells completed during the year was about 25 per cent lower than during 1950. An increase in the amount of oil produced by secondary recovery methods compensated, in part, for the decrease in new oil found during 1951.

A total of 2,383 wells were drilled for oil or gas during 1951, a decrease of 511 wells from the total of 2,894 drilled in 1950. Of the 2,383 wells completed, 916 were oil wells, eight were gas wells, 714 were dry holes in pools, and 745 were unsuccessful wildcats. Producing wells made up about 39 per cent of all wells completed, as compared with 45 per cent during 1950. The percentage of successful wildcats was 11.2, or a drop of about 1 per cent. The percentage of successful pool completions was about 54 per cent, a decrease of five per cent.

Data on production and drilling by fields for Illinois are given in Table I, on annual production and drilling since 1936 for the State in Table III, and on drilling in 1951 by counties in Table V.

### DISCOVERIES

Forty oil fields and one gas field (Table II A, Fig. 1), 53 extensions to oil fields (Table II B), and 22 new oil pays and two new gas pays in oil fields (Table II C) were discovered in 22 counties in Illinois in 1951, two more counties than in 1950.

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Of the 41 new pools, two, Christopher and Pinkstaff, were abandoned before the end of the year. The new field having the largest number of producing wells at the end of the year was Frogtown North, Clinton County, with 22 wells completed and development work still in progress. In most of the other new fields only one or two wells were completed at the end of the year, but rigs were in operation in several that were discovered near the end of the year, and it appeared that there were possibilities that they might develop into small but profitable pools. At the end of the year there were 113 producing oil wells and one capped gas well in the 41 new fields, as compared with 145 wells at the end of 1950 in the 24 new fields discovered during that year. Initial productions of new-field discovery wells ranged from nine to 490 bbls of oil, with a majority of them making less than 100 bbls.

A generalized geologic column for the southern Illinois oil region showing principal producing strata is shown in Fig. 3.

As in previous years, most of the new field discoveries in 1951 were in formations of Mississippian age. Of the 43 producing formations in the 41 discovery wells of new fields listed in Table II A, 37 are of Mississippian age, including nine in the Upper Mississippian Chester series and 28 in the Lower Mississippian Iowa series. Of the remaining six, three are in the Pennsylvanian, and three in the Devonian-Silurian. There were no Ordovician discoveries.

In addition to the three Devonian or Silurian pools discovered during the year (Assumption South, Beaucoup, and Okawville), two other discovery wells in the Devonian or Silurian were being completed at the end of the year. Although Frogtown North was discovered by a Lower Mississippian well, most of the wells in the pool produce from Devonian or Silurian pays. In this pool 18 Devonian or Silurian wells, the first of which went on production in April, 1951, had produced more than 242,000 bbls by the end of the year. These developments have given a considerable impetus to exploration for pre-Mississippian production. Most of the recent testing of the Devonian and lower systems has been done around the margin of the basin, with Clinton, Washington, Randolph, Christian, and Madison counties showing the most favorable results for the areas thus far tested. Although its discovery well had not been officially completed at the end of 1951, the Tilden pool, in Randolph County, showed promise of developing excellent production.

Two Pennsylvanian oil pools, Irvington East and Raymond East, and one Pennsylvanian gas pool, Livingston East, were discovered in 1951. Raymond East appears to be one of the most promising new pools for the year.

<sup>3/</sup> Source of 1951 production figures is Illinois Basin Scout Association monthly reports which are based on pipeline runs.

<sup>4/</sup> From U. S. Bureau of Mines Annual Petroleum Statement No P347, "Crude Petroleum and Petroleum Products, 1950 (Final Summary)."



## EXPLORATORY DRILLING

Of the total number of wells drilled during 1951, 839, or 35 per cent, were wildcats. Of this number 509 were drilled less than 2 miles from production, discovering 25 new fields and 53 extensions to pools, or about 15.3 per cent successful. The 330 wildcats drilled more than 2 miles from production discovered 16 new fields, or 4.8 per cent successful.

In pools 50 wells were drilled to test deeper pays. Of these, two were successful. An extension well opened up a deeper pay in one other pool.

Unsuccessful Devonian or Silurian tests were drilled in one Pennsylvanian pool, Raymond, and nine Mississippian pools, Beaucoup South, Carlyle North, Dubois, Fairman, Iola Consolidated, Mt Carmel, Panama, Posey, and Siggins. A Trenton test was drilled in the old Frogtown pool, an upper Mississippian pool. Wildcat tests to the St. Peter or deeper formations were drilled in Adams, Monroe, Pulaski, Schuyler, and Whiteside counties.

During the year a deep well was begun in the New Harmony Consolidated pool which was intended to be the deepest well ever drilled in Illinois. At the end of the year it had not yet reached the record depth of 7,205 ft set in the Clay City Consolidated pool, but had reached a depth of about 6,000 ft and was still drilling.

The total footage of wildcat wells completed during the year was 1,901,149 ft of which 245,343 ft, or about 13 per cent, was drilled in successful wells. The average depth of wildcat wells drilled during 1951 was about 2,165 ft, approximately 150 ft deeper than the average depth of wildcats drilled in 1950. This reflects the emphasis on pre-Mississippian wildcat drilling on the northern and western margins of the basin in 1951 as opposed to a large amount of Pennsylvanian testing along the eastern edge of the state during the two previous years. A selected list of dry wildcats for 1951 is given in Table II D.

Geophysical exploration during the year included use of seismograph and gravity meter. There was a small amount of geochemical exploration by soil analysis. The number of geophysical parties operating throughout the year, by months and methods, is given in Table VI.

## DEVELOPMENT

Wells were completed in 52 counties in Illinois in 1951, the same number as in 1950, extending from Whiteside on the north to Pulaski on the south and from the Mississippi River on the west to the Indiana border on the east. Over half the wells drilled were concentrated in six counties; White, Hamilton, Wayne, Richland, Clay, and Wabash. Thirteen counties or one-quarter of those drilled in, accounted for over three-quarters of all completions. Producing wells were drilled in 28 counties. The six counties listed above had almost two-thirds of the producing wells completed.

Clay County had the largest number of new fields for the year, with six discovered, none of which appeared to be of importance. Hamilton and Wayne counties each had four new fields, each with one better than average discovery (Blairsville West and Zenith North).

Fields with the largest number of successful completions for the year were Clay City Consolidated with 73, New Harmony Consolidated with 61, Dale Consolidated with 45, and Phillips-town Consolidated with 36.

The average depth of all wells drilled for oil and gas in Illinois in 1951 was 2,493 ft, or about 260 feet deeper than during 1950. Depths of producing wells completed during the year varied from about 300 ft to almost 3,400 ft.

In fields discovered since 1936, the total number of wells producing at the end of 1951 was 17,436; in older fields the number was approximately 9,407, or a total for the state of 26,843 wells producing at the end of 1951.

## PRODUCTIVE ACREAGE

The area of proved production, including abandoned production, in Illinois at the end of 1951 was 412,050 acres for oil and 17,965 acres for gas. Of this amount, 298,305 oil acres and 6,640 gas acres were in pools discovered since 1936. About 15,000 acres were added in 1951 by new pools discovered during the year and development and extensions of older pools.

## ESTIMATED PETROLEUM RESERVES

The Illinois Geological Survey estimates that on Jan. 1, 1952, the oil reserves in Illinois that can be produced from wells now in existence by methods in use in each area total 692.7 million bbls. This represents an increase of 77 million bbls over the estimate for Jan. 1, 1951, and the factors in this change are shown in the following table:

	Millions of Bbl.
Estimated reserves, Jan. 1, 1951	615.7
Withdrawal by 1951 production	60.2
	555.5
Added by new drilling in 1951	28.8
	584.3
Added by upward revision due mainly to secondary recovery operations (water flooding)	108.4
Estimated reserves, Jan. 1, 1952	692.7

The 939 producing oil wells completed in 1951 added estimated oil reserves of 28.8 million bbls, or an average of about 30,000 bbls per well. This compares with an average of about 29,800 bbls per well in the previous year (39.1 million bbls for 1,309 producing oil wells completed in 1950).

Of the 28.8 million bbls of reserves added by the 1951 drilling, it is estimated that four per cent is in Pennsylvanian sandstones, 91 per cent in Mississippian sandstones and limestones, 5 per cent in Devonian-Silurian limestones, and less than one per cent in Ordovician limestones. The most important pay zones are in the Ste. Genevieve formation, which is estimated to have 36 per cent of the reserves added by 1951 drilling, the Cypress sandstone with 26 per cent, and the Aux Vases sandstone with 19 per cent. The Devonian-Silurian, which accounted for only about 0.3 per cent of the reserves added by 1950 drilling, is given five per cent of the 1951 total

## ECONOMIC DATA

The price of crude oil throughout 1951 remained at \$2.77 for most Illinois fields, although small amounts sold at higher and lower prices. The value (at the wells) of the crude oil produced in Illinois during the year was approximately \$166,876,900. To this should be added the value (at the plants) of natural gasoline and liquefied petroleum gases produced in the state in 1951, which is estimated to be approximately \$8,687,700. This gives a total value of \$175,564,600 for liquid products from Illinois oil fields in 1951.

The crude oil produced in Illinois during 1951, amounting to 60,244,000 bbls, is 13 per cent of runs-to-stills for refineries in the Central Refining district (Illinois, Indiana, Kentucky, Michigan, western Ohio, and Wisconsin).

Stocks of crude petroleum on hand in Illinois (including Minnesota and Wisconsin) on Dec. 31, 1951, were 20,250,000 bbls, as compared with 16,811,000 bbls on Dec. 31, 1950. Stocks of refined products in the Central Refining District, according to the

U. S. Bureau of Mines, were as follows:

	Dec. 31, 1951	Dec. 31, 1950
<u>Product</u>	<u>Bbl</u>	<u>Bbl</u>
Gasoline	28,500,000	24,560,000
Kerosene	5,146,000	4,212,000
Distillate Fuel Oil	15,892,000	10,251,000
Residual Fuel Oil	5,715,000	3,619,000

#### GAS AND GAS PRODUCTS

An estimated 45 billion cu ft solution gas was produced from Illinois oil wells during 1950, and about a quarter billion cu ft of gas was produced from gas wells in oil fields, either in gas caps or in separate reservoirs in the oil areas. The production of gas from Illinois gas fields was insignificant, amounting to only a few million cu ft during 1951.

Most of the 236 million cu ft of Illinois gas marketed during the year, as shown in Table VIII, came from dry gas wells within oil fields. In addition to the gas marketed, a somewhat smaller amount from gas wells in oil fields was used as fuel on leases.

About 12.8 billion cu ft of solution gas from oil wells was utilized in Illinois natural gasoline plants during 1951. According to preliminary figures from the U. S. Bureau of Mines, 124,110,000 gals of natural gasoline and allied products was extracted from this gas in the natural gasoline plants. This compares with a total yield of 130,494,000 gals during 1950. Data collected by the Illinois Basin Scout Association indicated that approximately 1.7 billion cu ft of dry residue gas from these plants was returned to the formation with the remainder being used as plant or lease fuel. The amount of plant residue gas flared was negligible.

In addition to the 12.8 billion cu ft of metered solution gas processed, it is believed that an additional 10 to 15 billion cu ft of unmetered solution gas was used, largely for lease fuel. When compared with the estimated 45 billion cu ft of produced solution gas, it is obvious that the amount flared is greater than the amount used.

Eight new gas wells scattered in five pools and five counties in Illinois, which had a combined initial open flow capacity of 13.9 cu ft daily, were completed in 1951. Five of these, three in Loudon and one each in Cottonwood and Herald, are being utilized, the others being shut in or abandoned because of lack of market.

#### GAS PRODUCED IN ILLINOIS AND MARKETING IN 1951

<u>Field, County</u>	<u>Market</u>	<u>Amount Used</u>
Cottonwood, Gallatin	Carmi	160,659,000
Herald, White		25,752,500
Storms, White		20,453,000
Louden, Fayette	Vandalia, St. Elmo	27,752,000
Panama, Bond, Montgomery		2,000,000
		236,616,500

The underground storage of natural gas for the purpose of augmenting supplies during periods of high seasonal demand and permitting the long distance pipelines to operate steadily at nearly their capacity rate has received much attention in Illinois during 1951. The Mississippi River Fuel Corporation is now conducting an experimental storage operation in the Roubidoux-Gasconade formation on the Waterloo anticline about 15 miles south of St. Louis, Missouri. If successful, this storage operation will be an important factor in supplying gas consumers in St. Louis.

The Natural Gas Storage Co. of Illinois applied to the Illinois Commerce Commission in November, 1951, for approval of a project to store natural gas underground in the Galesville-Ironton formation on the Herscher dome in Kankakee County. Storage of 90 billion cu ft or more of natural gas from the Mid-Continent and Gulf Coast areas is contemplated. This is for the purpose of increasing gas supplies available to consumers in Chicago and the surrounding area.

#### SECONDARY RECOVERY

The development of secondary recovery by water flooding over the state is continuing to increase according to Paul A. Witherspoon, Head of the Petroleum Engineering Division, Illinois State Geological Survey. As of Jan. 1, 1951, there were 64 water floods in operation, and by the end of 1951, it is estimated that there were approximately 100 projects operating in 45 different oil fields. As of Dec. 31, 1951, the crude oil recovered by this method of secondary recovery is estimated to be 25 million bbls.

A project that has received a great deal of attention is the Benton Unit in Franklin County operated by the Shell Oil Co. This water flood was started in November, 1949, and currently covers 2,200 acres. The accumulated water flood oil recovery at the end of 1951 was approximately 1,750,000 bbls. During December, 1951, the daily average production of the Benton field was slightly below 8,000 bbls, as compared with 1,500 B/D two years earlier and before water flooding begun.

Secondary recovery operations are expected to contribute a progressively increasing proportion of the state's total oil production during the next few years.

#### ACKNOWLEDGMENTS

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TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
1	Warrenton - Borton, <i>Edgar</i>	Unnamed; Pen	1906	120	30,000	500	0	0	0			
2	Westfield, <i>Clark-Coles</i>		1904	10,000	x	x	x	x	x			
3		Shallow Gas; Pen		9,050	x	x	x	x	x			
4		Westfield; Mis L		9,000	x	x	x	x	x			
5		Trenton; Ord		300	x	7,000	0	0	0			
6		4										
7	Siggins, <i>Cumberland-Clark</i>		1906	4,000	x	x	x	x	x			
8		1st Siggins; Pen		3,200	x	x	x	x	x			
9		2nd & 3rd Siggins; Pen		500	x	x	x	x	x			
10		Lower Siggins; Pen		1,000	x	x	x	x	x			
11	York, <i>Cumberland-Clark</i> <sup>5</sup>	York; Pen	1907	350	x	x	x	x	0			
12	Casey, <i>Clark</i>		1906	2,100	x	x	x	x	x			
13		Upper Gas; Pen		200	x	x	x	x	x			
14		Lower Gas; Pen		400	x	x	x	x	x			
15		Casey; Pen		1,540	x	x	x	x	x			
16		Carper; Mis L		20	x	x	0	0	0			
17	Martinsville, <i>Clark</i>		1907	1,450	x	x	x	x	x			
18		Shallow; Pen		35	x	x	x	x	x			
19		Casey; Pen		350	x	x	x	x	x			
20		Martinsville; Mis L		710	x	x	x	x	x			
21		Carper; Mis L		650	x	x	0	0	0			
22		Devonian; Dev		660	x	x	0	0	0			
23		Trenton; Ord		20	x	x	0	0	0			
24	Johnson North, <i>Clark</i>		1907	2,400	x	x	x	x	x			
25		Claypool; Pen		1,200	x	x	x	x	x			
26		Shallow; Pen		200	x	x	x	x	x			
27		Casey; Pen		900	x	x	x	x	x			
28		Upper Partlow; Pen		250	x	x	x	x	x			
29		Carper; Mis L		20	x	x	0	0	0			
30	Johnson South, <i>Clark</i>		1907	2,200	x	x	x	x	x			
31		Claypool; Pen		200	x	x	x	x	x			
32		Casey; Pen		300	x	x	x	x	x			
33		Upper Partlow; Pen		1,700	x	x	x	x	x			
34		Lower Partlow; Pen		850	x	x	x	x	x			
35	Bellair, <i>Crawford-Jasper</i>		1907	1,500	x	x	x	x	x			
36		"500 ft."; Pen		x	x	x	x	x	x			
37		"800 ft."; Pen		x	x	x	x	x	x			
38		"900 ft."; Pen		x	x	x	x	x	x			
39	Clark County Division <sup>6</sup>			24,000	62,162,000	1,660,000	x	x	x			
40	Main, <i>Crawford</i> <sup>7</sup>		1906	35,800	x	x	x	x	x			
41		Shallow; Pen		340	x	x	x	x	x			
42		Robinson; Pen		34,420	x	x	x	x	x			
43		Bethel; Mis U		20	x	x	0	0	0			
44		Oblong; Mis L		1,000	x	x	0	0	0			
45		Salem; Mis L		180	x	x	0	0	0			
46		Devonian; Dev		30	x	x	0	0	0			
47	New Hebron, <i>Crawford</i>	Robinson; Pen	1909	1,570	x	x	x	x	x			
48	Chapman; <i>Crawford</i>	Robinson; Pen	1914	1,560	x	x	x	x	x			
49	Parker, <i>Crawford</i>	Robinson; Pen	1907	1,340	x	x	x	x	x			
50	Allison-Weger, <i>Crawford</i>	Robinson; Pen	x	1,100	x	x	x	x	x			
51	Flat Rock, <i>Crawford</i> <sup>8</sup>	Robinson; Pen	x	1,950	x	x	x	x	0			
52	Birds, <i>Crawford-Laurence</i>	Robinson; Pen	x	4,485	x	x	x	x	x			
53	Crawford County Division <sup>9</sup>			47,805	160,864,000	1,518,000	x	x	0			
54	Lawrence, <i>Laurence-Crawford</i>		1906	26,700	x	x	x	x	x			
55		Pennsylvanian; Pen		85	x	x	x	x	x			
56		Bridgeport; Pen		5,060	x	x	x	x	x			
57		Buchanan; Pen		2,300	x	x	x	x	x			
58		"Gas"; Mis U		1,440	x	x	x	x	x			
59		Tar Springs; Mis U		10	x	x	0	0	0			
60		Hardinsburg; Mis U		10	x	x	0	0	0			
61		Jackson; Mis U		10	x	x	0	0	0			
62		Cypress (Kirkwood); Mis U		16,300	x	x	x	x	x			
63		Bethel (Tracey); Mis U		4,600	x	x	x	x	x			
64		Aux Vases; Mis U		20	x	x	0	0	0			
65		Lower Ohara; Mis L		10	x	x	0	0	0			
66		Rosiclare; Mis L		250	x	x	0	0	0			
67		McClosky; Mis L		7,400	x	x	0	0	0			
68		Salem, Mis L		10	x	x	0	0	0			
69		4										
70	St. Francisville, <i>Laurence</i>	Bethel; Mis U	x	420	x	x	x	x	x			
71	Lawrence County Division <sup>11</sup>			27,120	246,576,000	1,951,000	x	x	x			



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING <sup>f</sup> DEC 1951			RESERVOIR PRESSURE <sup>1</sup> PSI		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
1	25	0	0	0	1	0	x	x		x	x	S	P	160	20	ML	Trenton	2,212
2	1,657	5	1	0	188	0			W			D				D	St. Peter	3,009
3	206	5	0	0	x	0	x	x	W	50.0	x	S	P	280	40	D		
4	1,450	0	1	0	x	0	x	x		33.5	x	L	C	335	x	D		
5	19	0	0	0	x	0	x	x		18.2	0.18	L	C	2,300	40	D		
6	2	0	0	0		0												
7	1,034	2	60	0	561	0			W							D	Dev	2,010
8	883	2	x	0	x	0	x	x	W			S	P	400	x	D		
9	90	0	x	0	x	0	x	x	W	(33.6)	x	S	P	480	x	D		
10	202	0	x	0	x	0	x	x		(25.7)	x	S	P	580	40	D		
11	71	1	0	0	0	0	x	x	W	(30.3)	x	S	P	590	x	AM	Dev	2,381
12	441	4	10	0	232	0			W							AM	Mis L	1,358
13	41	0	0	0	x	0	x	x		(31.9)	x	S	P	265	x	AM		
14	82	0	0	0	x	0	x	x		(30.1)	x	S	P	310	x	AM		
15	326	3	10	0	x	0	x	x	W	(33.6)	x	S	P	445	40	AM		
16	2	1	0	0	x	0	x	x		x	x	S	P	1,300	50	AM		
17	233	7	2	0	120	0			W							D	St. Peter	3,411
18	7	0	0	0	x	0	x	x		x	x	S	P	255	x	D		
19	71	5	2	0	x	0	x	x	W	x	x	S	P	500	x	D		
20	23	0	0	0	x	0	x	x		x	x	L	P	480	x	D		
21	40	1	0	0	x	0	x	x	W	(38.9)	x	S	P	1,340	x	D		
22	42	1	0	0	x	0	x	x		x	x	L	P	1,550	x	D		
23	2	0	0	0	x	0	x	x		(39.6)	x	L	P	2,700	x	D		
24	496	2	12	0	281	0			W							AM	Dev	1,910
25	298	0	0	0	x	0	x	x		x	x	S	P	415	x	AM		
26	32	0	0	0	x	0	x	x		x	x	S	P	315	x	AM		
27	181	0	10	0	x	0	x	x	W	x	x	S	P	465	x	AM		
28	47	1	2	0	x	0	x	x		x	x	S	P	535	x	AM		
29	2	1	0	0	x	0	x	x		x	x	S	P	1,325	x	AM		
30	558	5	5	35	388	0			G,W							AM	Dev	2,030
31	38	0	0	0	x	0	x	x		x	x	S	P	390	x	AM		
32	60	0	0	0	x	0	x	x	G	30.0	x	S	P	450	x	AM		
33	419	4	0	35	x	0	x	x	W	x	x	S	P	490	x	AM		
34	175	1	5	0	x	0	x	x		28.5	x	S	P	600	x	AM		
35	487	1	7	46	49	0			W							AM	Mis L	1,471
36	310	0	2	46	x	0	x	x	W	(32.4)	x	S	P	560	x	AM		
37	64	1	4	0	x	0	x	x		x	x	S	P	815	x	AM		
38	182	0	1	0	x	0	x	x		(37.0)	x	S	P	885	x	AM		
39	4,977	27	97	81	1,919	0											St. Peter	3,411
40	7,384	27	81	0	3,729	0			G,W							ML	St. Peter	4,654
41	72	1	3	0	x	0	x	x		x	x	S	P	510	x	ML		
42	7,192	26	71	0	x	0	x	x	G,W	34.0	x	S	P	900	25	ML		
43	0	0	0	0	2	0				x	x	S	P	x	x	ML		
44	108	0	6	0	x	0	x	x		x	x	LS	P	1,335	x	ML		
45	10	0	0	0	x	0	x	x		x	x	L	P	1,815	5	ML		
46	2	0	1	0	x	0	x	x		x	x	L	P	2,795	11	ML		
47	300	0	4	0	136	0	x	x	G	30.1	x	S	P	940	25	ML	Mis	2,056
48	193	0	0	0	42	0	x	x	G	x	x	S	P	995	25	ML	Mis	2,279
49	256	0	2	0	191	0	x	x		29.5	x	S	P	1,000	25	ML	Pen	1,227
50	151	1	1	0	54	0	x	x		22.5	x	S	P	910	20	ML	Pen	1,041
51	297	0	0	0	97	0	x	x		31.8	x	S	P	935	x	ML	Dev	3,110
52	689	2	4	0	317	0	x	x	G,W	31.8	x	S	P	930	28	ML	Mis L	1,731
53	9,270	30	92	0	4,566	0											St. Peter	4,654
54	4,574	21	166	0	2,105	0			G,W							A	St. Peter	5,190
55	10	0	1	0	x	0	x	x		x	x	S	P	290	x	A		
56	1,242	4	13	0	x	0	x	x	G,W	33.0	x	S	P	800	40	A		
57	491	4	5	0	x	0	x	x		33.0	x	S	P	1,250	15	A		
58	243	0	15	0	x	0	x	x		33.0	x	S	P	1,330	15	A		
59	1	0	0	0	x	0	x	x		x	x	S	P	1,410	10	A		
60	1	0	0	0	x	0	x	x		33.0	x	S	P	1,570	10	A		
61	1	0	0	0	x	0	x	x		33.0	x	S	P	1,360	10	A		
62	3,016	6	37	0	x	0	600±	x	W	33.0	x	S	P	1,400	30	A		
63	728	3	50	0	x	0	650±	x		33.0	x	S	P	1,650	20	A		
64	3	1	0	0	x	0	x	x		33.0	x	S	P	1,810	20	A		
65	0	0	0	0	x	0	x	x		x	x	L	P	x	x	A		
66	13	2	2	0	x	0	x	x		33.0	x	LS	P	1,850	x	AC <sup>10</sup>		
67	999	0	43	0	x	0	x	x		33.0	x	L	P	1,860	10	A		
68	1	0	0	0	x	0	x	x		x	x	L	P	1,955	2	A		
69	5	1	0	0	x	0												
70	55	0	0	0	21	0	600	x	W	32.3	x	S	P	1,845	22	ML	Mis	1,900
71	4,629	21	166	0	2,126	0											St. Peter	5,190

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
72	Allendale, <i>Wabash-Laurence</i> <sup>12</sup>	Pennsylvanian; Pen Bridgeport; Pen Buchanan; Pen Biehl; Pen Jordan; Pen Waltersburg; Mis U Tar Springs; Mis U Hardinsburg; Mis U Cypress; Mis U Bethel; Mis U Aux Vases; Mis U Lower Ohara; Mis L Rosiclare; Mis L McClosky; Mis L 4	1912	6,000	12,668,000	601,000	0	0	0			
73			x	x	x	0	0	0				
74			x	x	x	0	0	0				
75			x	x	x	0	0	0				
76			x	x	x	0	0	0				
77			x	x	x	0	0	0				
78			x	x	x	0	0	0				
79			x	x	x	0	0	0				
80			x	x	x	0	0	0				
81			x	x	x	0	0	0				
82			x	x	x	0	0	0				
83			x	x	x	0	0	0				
84			x	x	x	0	0	0				
85			x	x	x	0	0	0				
86			x	x	x	0	0	0				
87												
88	Total Southeastern Fields <sup>13</sup>			105,045	482,300,000	5,730,000	x	x	0			
89	Ayers (Gas), <i>Bond</i> <sup>14</sup>	Bethel; Mis U	1922	0	0	0	325	298.7	0			
90	Greenville (Gas), <i>Bond</i> <sup>15</sup>	Lindley (1st & 2nd); Mis U	1910	0	0	0	160	990.0	0			
91	Bartelso, <i>Clinton</i>	Carlyle; Mis U Devonian; Dev	1936	580	2,085,000	66,000	0	0	0			
92			350	1,145,000	24,000	0	0	0				
93			230	940,000	42,000	0	0	0				
94	Carlyle, <i>Clinton</i>	Carlyle (Cypress); Mis U	1911	915	3,736,000	32,000	0	0	0			
95	Frogtown, <i>Clinton</i> <sup>18</sup>	Carlyle (Cypress); Mis U	1918	300		500	0	0	0			
96	Ava-Campbell Hill, <i>Jackson</i> <sup>19</sup>	Cypress; Mis U	1917	440	x	0	0	0	0			
97	Colmar-Plymouth, <i>Hancock-McDonough</i>	Hoing; Dev	1914	2,500	3,734,000	74,000	0	0	0			
98	Carlinville, <i>Macoupin</i> <sup>20</sup>	Unnamed; Pen	1909	80	x	1,000	0	0	0			
99	Gillespie-Benld (Gas), <i>Macoupin</i> <sup>21</sup>	Unnamed; Pen	1923	0	0	0	80	135.8	0			
100	Gillespie-Wyen, <i>Macoupin</i>	Unnamed; Pen	1915	45	x	500	0	0	0			
101	Spanish Needle Creek (Gas); <i>Macoupin</i> <sup>22</sup>	Unnamed; Pen	1915	0	0	0	80	14.4	0			
102	Staunton (Gas), <i>Macoupin</i> <sup>23</sup>	Unnamed; Pen	1916	0	0	0	400	1,050.0	0			
103	Collinsville, <i>Madison</i> <sup>24</sup>	Devonian-Silurian	1909	40	1,000	0	0	0	0			
104	Brown, Junction City,	Dykstra-Wilson; Pen Cypress; Mis U	1910	175	x	5,000	0	0	0			
105	Langewisch-Kuester, <i>Marion</i>		60	x	x	0	0	0				
106			115	x	x	0	0	0				
107	Sandoval, <i>Marion</i>	Bethel, Mis U Devonian; Dev Petro; Pen	1909	480	5,596,000	42,000	0	0	0			
108			460	2,705,000	0	0	0	0				
109			390	2,891,000	42,000	0	0	0				
110	Wamac, <i>Marion-Clinton-Wash- ington</i>		1921	250	560,000	9,000	0	0	0			
111	Litchfield, <i>Montgomery</i> <sup>25</sup>	Unnamed; Pen	1879	100	24,000	0	0	0	0			
112	Waterloo, <i>Monroe</i> <sup>26</sup>	Trenton; Ord	1920	230	236,000	0	0	0	0			
113	Jacksonville (Gas), <i>Morgan</i> <sup>27</sup>	Gas; Pen, Mis L	1910	x	2,000	0	1,320	x	0			
114	Pittsfield (Gas), <i>Pike</i> <sup>28</sup>	Niagaran; Sil	1886	0	0	0	8,960	x	0			
115	Sparta, <i>Randolph</i> <sup>29</sup>	Cypress; Mis U	1888	165	x	0	0	0	0			
116	Dupo, <i>St. Clair</i>	Trenton; Ord	1928	2,400	2,649,000	80,000	0	0	0			
117	Total of fields discovered prior to January 1, 1937 <sup>30</sup>			113,745	501,023,000	6,097,000	11,325	2,506.5	0			
118	Ab Lake, <i>Gallatin</i>	Renault; Mis Aux Vases; Mis U <sup>31</sup> 4	1947	40	18,000	1,000	0	0	0			
119			40	x	x	0	0	0				
120			40	x	x	0	0	0				
121												
122	Ab Lake West, <i>Gallatin</i>	Renault; Mis U	1950	10	1,000	500	0	0	0			
123	Aden Consolidated, <i>Wayne-Hamilton</i>		1938	2,300	6,226,000	243,000	0	0	0			
124		Aux Vases; Mis U		800	x	x	0	0	0			
125		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
126		Rosiclare; Mis L		40	x	x	0	0	0			
127		McClosky; Mis L		2,300	x	x	0	0	0			
128		Salem; Mis L		20	x	x	0	0	0			
129		4										
130	Aden South, <i>Hamilton</i>	Aux Vases; Mis U	1945	480	231,000	122,000	0	0	0			
131			60	x	x	0	0	0				



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING <sup>f</sup> DEC 1951			RESERVOIR PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION						DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.L.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.	
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT														
72	756	8	19	0	375	0										AM	Mis L	2,571	
73	1	0	0	0	x	0	x	x		x	x	S	P	400	x	AM			
74	12+	1	0	0	x	0	x	x		x	x	S	P	1,070	12	AM			
75	x	0	0	0	x	0	x	x		x	x	S	P	1,290	15	AM			
76	542	3	4	0	x	0	x	x		35.1	x	S	P	1,425	20	AM			
77	4	0	0	0	x	0	x	x		x	x	S	P	1,490	10	AM			
78	21	1	4	0	x	0	x	x		x	x	S	P	1,540	15	AM			
79	10	0	3	0	x	0	x	x		x	x	S	P	1,600	20	AM			
80	1	0	0	0	x	0	x	x		x	x	S	P	1,780	10	AM			
81	6	1	0	0	x	0	x	x		36.0	x	S	P	1,920	10	AM			
82	69	2	5	0	x	0	x	x		37.0	x	S	P	2,010	10	AM			
83	3	0	1	0	x	0	x	x		x	x	S	P	2,280	12	AM			
84	2	0	0	0	x	0	x	x		x	x	L	P	2,300	10	AM			
85	3	0	0	0	x	0	x	x		x	x	LS	P	2,300	5	AM			
86	12+	0	2	0	x	0	900	x		37.0	x	L	P	2,300	8	AM			
87	7	0	0	0	x	0													
88	19,657	86	374	81	8,987	0													
89	21	0	0	0	0	0	355	x				S	P	940	5	A	Ord	3,044	
90	4	0	0	0	0	0	x	x				S	P	925	x	A	Dev	3,290	
91	77	0	0	0	50	0										R <sup>16</sup>	St. Peter	4,212	
92	51	0	0	0	29	0	x	x		36.2	0.20	S	P	985	24	D			
93	26	0	0	0	21	0	x	x		41.5	0.27	L	P	2,420	12	D			
94	173	3	4	0	30	0	x	x		35.2	0.26	S	P	1,035	20	AL <sup>17</sup>	St. Peter	4,120	
95	14	1	0	0	2	0	x	x		31.9	x	S	P	950	7	ML	Sil	2,444	
96	35	0	0	0	0	0	x	x		x	x	S	P	780	18	A	Dev	2,530	
97	493	0	2	0	193	0	x	x	G	37.6	0.38	S	P	450	21	AL	Ord	805	
98	8	0	0	0	3	0	135	x		27.7	x	S	P	380	x	A	Mis	1,380	
99	4	0	0	0	0	0	155	x				S	P	540	x	A	Pen	575	
100	23	0	0	0	7	0	x	x		30.2	x	S	P	650	x	T	Ord	2,560	
101	7	0	0	0	0	0	x	x				S	P	305	x	D	Pen	495	
102	18	0	0	0	0	0	145	x				S	P	460	x	A	Ord	2,371	
103	6	0	0	0	0	0	x	x		x	x	L	C	1,305	20	ML	St. Peter	2,177	
104	16	1	0	0	4	0											Dev	3,355	
105	8	1	0	0	x	0	x	x		32.0	x	S	P	610	20	Mf			
106	8	0	0	0	x	0	x	x		32.0	x	S	P	1,660	15	N			
107	151	0	2	0	15	0										R	St. Peter	5,023	
108	123	0	0	0	0	0	x	x		34.5	x	S	P	1,540	20	D			
109	28	0	2	0	15	0	x	x		38.0	0.38	L	P	2,920	9	D			
110	106	0	1	0	4	0	x	x		30.2	x	S	P	720	20	D	Mis L	1,760	
111	18	0	0	0	0	0	x	x		23.0	0.24	S	P	660	x	D	Pen	774	
112	41	0	0	0	0	0	x	x		30.2	0.97	L	C	410	50	A	Cam	1,801	
113	53	0	0	0	0	0	x	x		x	x	LS	P	330	5	ML	Ord	1,390	
114	68	0	0	0	0	0	x	x				L	P	265	10	A	Pre-Cam	2,226	
115	20	0	0	0	0	0	x	x		x	x	S	P	850	7	D	Mis U	985	
116	320	1	5	0	31	0	x	x		32.7	0.70	L	C	700	50	A	Ord	1,800	
117	21,333	92	388	81	9,326	0													
118	2	0	1	0	1	0										M	Mis L	2,941	
119	2	0	0	0	0	0	x	x		35.1	x	L	P	2,735	8	MF			
120	0	0	0	0	0	0	x	x		35.1	x	S	P	2,770	9	MF			
121	0	0	1	0	1	0													
122	1	0	0	0	1	0	x	x		x	x	L	P	2,725	6	MC			
123	90	0	0	0	72	0			W							A			Dev
124	5	0	0	0	15	0	x	x	W	37.0	x	S	P	3,175	12	A			
125	0	0	0	0	0	0	x	x		37.0	x	L	P	3,290	7	A			
126	2	0	0	0	0	0	x	x		37.0	x	S	P	3,320	5	A			
127	72	0	0	0	23	0	x	x	W	37.0	x	L	P	3,350	8	A			
128	0	0	0	0	1	0	x	x		40.0	x	L	P	3,735	16	A			
129	11	0	0	0	33	0													
130	19	3	1	0	18	0										A	Mis L	3,466	
131	2	1	0	0	2	0	x	x		x	x	S	P	3,245	8	AL			

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>								
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951							
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951										
132	Akin, <i>Franklin</i>	Lower Ohara; Mis L <sup>31</sup>	1942	460	x	x	0	0	0										
133		Rosiclare; Mis L			x	x	0	0	0										
134		McClosky; Mis L			x	x	0	0	0										
135		4																	
136		Cypress; Mis U			280	547,000	54,000	0	0				0						
137		Aux Vases; Mis U			180	x	x	0	0				0						
138		McClosky; Mis L <sup>32</sup>			80	x	x	0	0				0						
139	Akin West; <i>Franklin</i>	4	1948	100	39,000	13,000	0	0	0										
140		Cypress; Mis U											20	x	x	0	0	0	
141		Lower Ohara; Mis L <sup>31</sup>											20	x	x	0	0	0	
142		Rosiclare; Mis L <sup>31</sup>											20	x	x	0	0	0	
143		McClosky; Mis L											20	x	x	0	0	0	
144		4											60	x	x	0	0	0	
145		Albion Consolidated, <i>Edwards-White</i>											4	1940	4,700	10,604,000	1,248,000	40	0
146	Pennsylvanian; Pen			0	0	40	0	0											
147	Mansfield; Pen		1,500	x	x	0	0	0											
148	Bridgeport; Pen			x	x	0	0	0											
149	Biehl; Pen			x	x	0	0	0											
150	Degonia; Mis U <sup>31</sup>			x	x	0	0	0											
151	Waltersburg; Mis U		630	x	x	0	0	0											
152	Tar Springs; Mis U		60	x	x	0	0	0											
153	Hardinsburg; Mis U		60	x	x	0	0	0											
154	Cypress; Mis U		320	x	x	0	0	0											
155	Bethel; Mis U		310	x	x	0	0	0											
156	Renault; Mis U		100	x	x	0	0	0											
157	Aux Vases; Mis U		580	x	x	0	0	0											
158	Lower Ohara; Mis L		100	x	x	0	0	0											
159	Rosiclare; Mis L		100	x	x	0	0	0											
160	McClosky; Mis L		1,600	x	x	0	0	0											
161	Albion East, <i>Edwards</i>	4	1943	560	790,000	77,000	0	0	0										
162		Cypress; Mis U											160	x	x	0	0	0	
163		Paint Creek; Mis U <sup>32</sup>											10	x	x	0	0	0	
164		Bethel; Mis U											20	x	x	0	0	0	
165		Renault; Mis U											40	x	x	0	0	0	
166		Aux Vases; Mis U											70	x	x	0	0	0	
167		Lower Ohara; Mis L											x	x	0	0	0		
168	Alma, <i>Marion</i>	Rosiclare; Mis L	1941	60	71,000	2,000	0	0	0										
169		McClosky; Mis L											x	x	0	0	0		
170		4																	
171		Bethel; Mis U												x	x	0	0	0	
172		Rosiclare; Mis L											40	x	x	0	0	0	
173		McClosky; Mis L											160	19,000	1,000	0	0	0	
174		Devonian; Dev											200	15,000	5,000	0	0	0	
175	Assumption North, <i>Christian</i>	4	1948	1,760	3,119,000	809,000	0	0	0										
176		Bethel; Mis U											400	x	x	0	0	0	
177		Rosiclare; Mis L											320	x	x	0	0	0	
178		Devonian; Dev											1,760	1,795,000	445,000	0	0	0	
179		Devonian; Dev											20	500	500	0	0	0	
180		4																	
181		Barnhill, <i>Wayne</i>											1,060	2,410,000	96,000	0	0	0	
182	Bartelso East, <i>Clinton</i>	Aux Vases; Mis U	1939	1,060	2,410,000	96,000	0	0	0										
183		Lower Ohara; Mis L											80	x	x	0	0	0	
184		Rosiclare; Mis L											1,000	x	x	0	0	0	
185		McClosky; Mis L												x	x	0	0	0	
186		Salem; Mis L												60	x	x	0	0	0
187		4																	
188		Bartelso South, <i>Clinton</i>											Devonian; Dev	1950	120	36,000	33,000	0	0
189	Silurian; Sil		120	x	x	0	0	0											
190	Devonian; Dev		20	x	x	0	0	0											
191	Cypress; Mis U		100	21,000	1,000	0	0	0											
192	Devonian; Dev		120	7,000	1,000	0	0	0											
193	Bethel; Mis U		20	3,000	3,000	0	0	0											
194	4		60	8,000	8,000	0	0	0											
195	Beaver Creek, <i>Bond-Clinton</i>	Bethel; Mis U	1942	150	119,000	13,000	0	0	0										
196																			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING <sup>f</sup> DEC 1951			RESERVOIR PRESSURE <sup>1</sup> Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>4</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		FLOWING	ARTIFICIAL LIFT	GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED															
132	0	0	0	0	0	0	x	x		x	x	L	P	3,310	7	AC		
133	1	0	0	0	1	0	x	x		x	x	L	P	3,330	8	AC		
134	8	1	1	0	7	0	x	x		39.0	x	L	P	3,395	9	AC		
135	8	1	0	0	8	0												
136	15	0	0	0	14	0										A	Mis L	3,515
137	11	0	0	0	10	0	x	x		33.4	0.14	S	P	2,840	10	AL		
138	3	0	0	0	4	0	x	x		37.8	0.12	S	P	3,120	9	AL		
139	0	0	0	0	0	0	x	x		x	x	L	P	3,270	9	AC		
140	1	0	0	0	0	0												
141	6	1	0	0	6	0										A	Mis L	3,435
142	2	0	0	0	2	0	x	x		x	x	S	P	2,715	8	AL		
143	0	0	0	0	0	0	x	x		x	x	L	P	3,050	10	AC		
144	0	0	0	0	0	0	x	x		x	x	L	P	3,080	12	AC		
145	3	1	0	0	3	0	x	x		x	x	L	P	3,130	4	AC		
146	1	0	0	0	1	0												
147	345	22	5	0	307	0			W							Dev		5,185
148	1	0	0	0	0	0	x	x				S	P	1,490	6	MF		
149	4	1	0	0	3	0	500	x		35.4	x	S	P	1,650	5	MF		
150	16	0	0	0	14	0	255	x	W	35.0	0.16	S	P	1,860	15	MF		
151	94	14	1	0	87	0	600	x	W	34.0	0.16	S	P	1,995	17	MF		
152	0	0	0	0	0	0	x	x		35.4	x	S	P	2,125	9	MF		
153	37	2	0	0	32	0	x	x		34.8	x	S	P	2,365	16	AL		
154	2	0	0	0	2	0	x	x		36.0	x	S	P	2,400	5	AL		
155	3	0	0	0	1	0	x	x		36.0	x	S	P	2,635	10	A		
156	26	0	0	0	26	0	x	x		36.0	x	S	P	2,860	15	A		
157	13	1	0	0	16	0	x	x		35.2	x	S	P	2,960	14	Af		
158	0	0	0	0	2	0	x	x		35.4	x	L	P	3,000	13	Af		
159	27	3	2	0	24	0	475	x		35.4	x	S	P	3,045	18	Af		
160	5	0	0	0	3	0	x	x		40.0	x	L	P	3,110	5	AC		
161	3	0	0	0	3	0	x	x		35.4	x	L	P	3,130	10	AC		
162	78	0	0	0	47	0	x	90	W	35.2	x	L	P	3,140	12	AC		
163	36	1	2	0	47	0										A	Mis L	3,254
164	33	1	2	0	30	0												
165	7	1	1	0	6	0	x	x		x	x	S	P	2,800	7	A		
166	0	0	0	0	0	0	x	x		x	x	S	P	2,910	6	A		
167	1	0	0	0	2	0	x	x		x	x	S	P	2,920	6	A		
168	2	0	0	0	2	0	x	x		x	x	LS	P	2,925	10	A		
169	4	0	0	0	5	0	x	x		39.4	0.14	S	P	3,020	17	A		
170	6	0	1	0	5	0	x	x		x	x	L	P	3,100	7	A		
171	2	0	0	0	2	0	x	x		x	x	L	P	3,125	7	A		
172	6	0	0	0	6	0	x	x		x	x	L	P	3,155	7	A		
173	5	0	0	0	2	0												
174	4	0	0	0	2	0										A	Dev	3,692
175	2	0	0	0	1	0	x	x		x	x	S	P	1,945	8	A		
176	2	0	0	0	1	0	x	x		36.2	0.26	L	P	2,085	10	A		
177	4	0	0	0	2	0	x	x		x	x	OL	P	2,960	5	MC	Mis L	3,089
178	6	2	0	0	6	0	x	x		38.9	x	L	P	2,330	15	A	Ord	3,070
179	139	5	0	0	127	0			W							A	Ord	3,021
180	40	0	0	0	30	0	x	x	W	38.0	x	S	P	1,050	10	A		
181	16	0	0	0	16	0	x	x		38.0	x	S	P	1,170	4	AL		
182	83	5	0	0	81	0	x	x		40.0	x	L	P	2,300	8	A		
183	1	1	0	0	1	0	x	x		x	x	L	P	2,635	15	X	Dev	2,740
184	78	0	0	0	37	0			W							A	Mis L	3,878
185	4	0	0	0	4	0	x	x		x	x	S	P	3,325	15	AL		
186	2	0	0	0	0	0	x	x		x	x	OL	P	3,370	6	AC		
187	1	0	0	0	0	0	x	x		x	x	LS	P	3,400	9	AC		
188	67	0	0	0	30	0	x	x	W	37.6	0.17	OL	P	3,450	10	AC		
189	1	0	0	0	1	0	x	x		39.0	x	L	P	3,795	8	AC		
190	3	0	0	0	2	0												
191	6	5	0	0	6	0										R	Sil	2,788
192	6	5	0	0	5	0	x	x		41.6	x	L	P	2,540	7	R		
193	0	0	0	0	1	0	x	x		x	x	L	P	2,600	8	R		
194	3	1	0	0	3	0	x	x		40.0	0.15	L	P	2,475	3	A	Dev	2,652
195	8	1	0	0	3	0	x	x		x	x	S	P	930	10	A	Dev	2,520
196	1	1	0	0	1	0	x	x		x	x	L	P	3,070	4	A	Sil	3,303
197	10	10	0	0	10	0	x	x		x	x	S	P	1,430	6	AL	Dev	3,122
198	14	3	0	0	11	0	x	x		34.2	0.25	S	P	1,130	6	A	Dev	2,526



TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD <i>(County)<sup>a</sup></i>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
199	Beaver Creek North, <i>Bond</i>	Bethel; Mis U	1949	40	500	0	0	0	0			
200	Beaver Creek South, <i>Clinton</i>	Bethel; Mis U	1946	460	111,000	69,000	0	0	0			
201	Belle Prairie, <i>Hamilton</i>		1940	220	490,000	32,000	0	0	0			
202		Aux Vases; Mis U <sup>31</sup>		10	x	x	0	0	0			
203		McClosky; Mis L		220	x	x	0	0	0			
204		4										
205	Belle Rive, <i>Jefferson</i>	McClosky; Mis L	1943	200	263,000	11,000	0	0	0			
206	Bellmont, <i>Wabash</i>		1951	70	25,000	25,000	0	0	0			
207		Bethel; Mis U		10	2,000	2,000	0	0	0			
208		Lower Ohara; Mis L		60	23,000	23,000	0	0	0			
209	Beman, <i>Lawrence</i>		1942	600	201,000	9,000	0	0	0			
210		Aux Vases; Mis U		10	x	0	0	0	0			
211		Rosiclare; Mis L		600	x	9,000	0	0	0			
212		4										
213	Beman East, <i>Lawrence</i>		1947	100	89,000	5,000	0	0	0			
214		Aux Vases; Mis U		20	x	x	0	0	0			
215		Rosiclare; Mis L		100	x	x	0	0	0			
216		4										
217	Bend, <i>White</i>	Tar Springs; Mis U	1941	120	211,000	186,000	0	0	0			
218	Bennington, <i>Edwards-Wayne</i>		1943	1,000	1,444,000	68,000	0	0	0			
219		Aux Vases; Mis U		200	x	x	0	0	0			
220		McClosky; Mis L		900	x	x	0	0	0			
221		4										
222	Bennington South, <i>Edwards</i> <sup>33</sup>	McClosky; Mis L	1944	20	10,000	0	0	0	0			
223	Benton, <i>Franklin</i>		1941	2,400	23,039,000	2,264,000	0	0	0			
224		Pennsylvanian; Pen <sup>32</sup>		10	x	0	0	0	0			
225		Tar Springs; Mis U		2,400	x	2,264,000	0	0	0			
226	Benton North, <i>Franklin</i>		1941	700	1,185,000	239,000	0	0	0			
227		Cypress; Mis U		100	x	x	0	0	0			
228		Paint Creek; Mis U		140	x	x	0	0	0			
229		Bethel; Mis U			x	0	0	0	0			
230		Aux Vases; Mis U		100	x	x	0	0	0			
231		Lower Ohara; Mis L			x	x	0	0	0			
232		Rosiclare; Mis L		600	x	x	0	0	0			
233		McClosky; Mis L			x	x	0	0	0			
234		4										
235	Berryville Consolidated, <i>Wabash-Edwards</i>		1943	520	760,000	74,000	0	0	0			
236		Lower Ohara; Mis L		100	x	x	0	0	0			
237		Rosiclare; Mis L		20	x	x	0	0	0			
238		McClosky; Mis L		400	x	x	0	0	0			
239		4										
240	Bessie, <i>Franklin</i>	McClosky; Mis L	1943	40	52,000	5,000	0	0	0			
241	Bible Grove North, <i>Effingham</i>		1947	135	54,000	8,000	0	0	0			
242		Cypress; Mis U		50	x	x	0	0	0			
243		Rosiclare; Mis L		20	1,000	0	0	0	0			
244		McClosky; Mis L		80	x	x	0	0	0			
245		4										
246	Bible Grove South, <i>Clay</i>		1942	20	76,000	6,000	0	0	0			
247		Cypress; Mis U		10	3,000	1,000	0	0	0			
248		Aux Vases; Mis U		10	73,000	5,000	0	0	0			
249	Blairsville West, <i>Hamilton</i>		1951	200	185,000	185,000	0	0	0			
250		Rosiclare; Mis L <sup>32</sup>		20	x	x	0	0	0			
251		McClosky; Mis L		200	x	x	0	0	0			
252		4										
253	Bogota, <i>Jasper</i>	McClosky; Mis L	1943	240	419,000	10,000	0	0	0			
254	Bogota North, <i>Jasper</i> <sup>34</sup>	McClosky; Mis L	1949	10	0	0	0	0	0			
255	Bogota South, <i>Jasper</i>	McClosky; Mis L	1944	480	249,000	95,000	0	0	0			
256	Bone Gap, <i>Edwards</i>		1941	760	971,000	24,000	0	0	0			
257		Waltersburg; Mis U		20	3,000	3,000	0	0	0			
258		Rosiclare; Mis L		20	x	x	0	0	0			
259		McClosky; Mis L		720	x	x	0	0	0			
260	Bone Gap East, <i>Edwards</i>		1951	40	6,000	6,000	0	0	0			
261		Lower Ohara; Mis L		20	6,000	6,000	0	0	0			
262		McClosky; Mis L		20	0	0	0	0	0			
263	Bone Gap South, <i>Edwards</i>		1947	250	291,000	42,000	0	0	0			
264		Cypress; Mis U		60	139,000	14,000	0	0	0			
265		Aux Vases; Mis U		10	10,000	0	0	0	0			
266		Lower Ohara; Mis L			x	x	0	0	0			
267		Rosiclare; Mis L		180	x	x	0	0	0			
268		McClosky; Mis L			x	x	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup> Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
199	4	0	1	0	0	0	x	x		x	x	S	P	1,115	4	A	Dev	2,460
200	36	6	9	0	24	0	x	x		x	x	S	P	1,140	5	A	Dev	2,537
201	11	0	0	0	10	0										A	Mis L	3,580
202	0	0	0	0	0	0	x	x		37.0	x	S	P	3,250	8	A		
203	10	0	0	0	9	0	x	x		37.0	0.12	L	P	3,420	6	A		
204	1	0	0	0	1	0												
205	5	0	0	0	4	0	x	x		39.4	0.50	L	P	3,085	6	AC	Mis L	3,201
206	4	4	1	0	3	0										A	Mis L	3,006
207	1	1	0	0	1	0	x	x		x	x	S	P	2,650	7	AL		
208	3	3	1	0	2	0	x	x		x	x	L	P	2,840	7	AC		
209	21	0	1	0	12	0										A	Mis L	2,000
210	1	0	0	0	0	0	x	x		x	x	S	P	1,805	20	AL		
211	18	0	0	0	12	0	x	x		38.1	x	L	P	1,850	7	AC		
212	2	0	1	0	0	0												
213	5	0	0	0	3	0										A	Mis L	1,907
214	1	0	0	0	1	0	x	x		x	x	S	P	1,805	12	AL		
215	3	0	0	0	2	0	x	x		x	x	L	P	1,860	8	AC		
216	1	0	0	0	0	0												
217	11	10	0	0	11	0	x	x		38.0	x	S	P	2,250	25	ML	Mis L	3,146
218	45	0	0	0	40	0			W							M	Mis L	3,372
219	7	0	0	0	3	0	x	x		x	x	S	P	3,145	15	ML		
220	35	0	0	0	36	0	x	x	W	37.0	x	L	P	3,240	8	MC		
221	3	0	0	0	1	0												
222	1	0	0	0	0	0	x	x		x	x	L	P	3,240	8	MC	Mis L	3,420
223	243	0	0	0	153	0			W							A	Mis L	3,205
224	0	0	0	0	0	0	x	x		x	x	S	P	1,700	9	A		
225	243	0	0	0	153	0	x	x	W	38.0	x	S	P	2,100	10	A		
226	49	1	0	0	44	0										A	Mis L	2,906
227	10	0	0	0	6	0	x	x		x	x	S	P	2,460	18	A		
228	6	0	0	0	11	0	x	x		x	x	S	P	2,595	9	A		
229	1	0	0	0	0	0	x	x		38.4	0.15	S	P	2,600	20	A		
230	3	0	0	0	2	0	x	x		37.0	0.15	S	P	2,685	10	A		
231	4	0	0	0	2	0	x	x		37.4	0.70	L	P	2,730	8	AC		
232	3	0	0	0	3	0	x	x		38.4	0.15	S	P	2,775	6	AC		
233	9	1	0	0	16	0	x	x		x	x	L	P	2,800	10	AC		
234	13	0	0	0	4	0												
235	17	0	0	0	13	0										M	Mis L	3,125
236	4	0	0	0	5	0	x	x		x	x	L	P	2,900	6	MC		
237	1	0	0	0	0	0	x	x		x	x	L	P	2,850	12	MC		
238	11	0	0	0	8	0	x	x		36.0	x	L	P	2,900	5	MC		
239	1	0	0	0	0	0												
240	1	0	0	0	1	0	x	x		38.8	0.15	L	P	2,895	10	MC	Mis L	3,457
241	7	0	0	0	4	0										M	Mis L	2,999
242	3	0	0	0	2	0	x	x		35.6	x	S	P	2,535	7	M		
243	1	0	0	0	0	0	x	x		x	x	LS	P	2,835	5	M		
244	2	0	0	0	1	0	x	x		x	x	L	P	2,875	5	M		
245	1	0	0	0	1	0												
246	2	0	0	0	2	0										M	Mis L	2,929
247	1	0	0	0	1	0	x	x		x	x	S	P	2,500	10	M		
248	1	0	0	0	1	0	x	x		37.8	x	S	P	2,750	10	M		
249	10	10	1	0	9	0										A	Mis L	3,507
250	0	0	0	0	0	0	x	x		x	x	L	P	3,345	6	AL		
251	9	9	1	0	9	0	x	x		x	x	L	P	3,405	8	AC		
252	1	1	0	0	0	0												
253	7	0	0	0	6	0	x	x		34.8	x	L	P	3,110	7	A	Mis L	3,234
254	1	0	0	0	0	0	x	x		x	x	L	P	3,080	3	X	Mis L	3,130
255	23	1	3	0	19	0	x	x		35.0	x	L	P	3,075	8	ML	Mis L	3,182
256	22	2	1	0	11	0										A	Mis L	3,350
257	2	2	0	0	2	0	x	x		x	x	S	P	2,315	7	A		
258	0	0	0	0	1	0	x	x		x	x	L	P	3,230	6	A		
259	20	0	1	0	8	0	x	x		40.5	0.33	L	P	3,240	6	A		
260	2	2	1	0	1	0										X	Mis L	3,156
261	1	1	0	0	1	0	x	x		x	x	L	P	2,980	10	X		
262	1	1	1	0	0	0	x	x		x	x	L	P	3,050	5	X		
263	16	1	1	0	14	0										A	Mis L	3,223
264	6	0	0	0	6	0	x	x		x	x	S	P	2,710	10	A		
265	1	0	1	0	0	0	x	x		x	x	S	P	3,020	9	A		
266	2	1	0	0	2	0	x	x		x	x	L	P	3,040	5	AC		
267	1	0	0	0	1	0	x	x		x	x	L	P	3,045	5	AC		
268	4	0	0	0	3	0	x	x		37.0	x	L	P	3,055	6	AC		

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
269	Boulder, <i>Clinton</i>	4	1941	640	4,262,000	282,000	0	0	0			
270		Bethel; Mis U		520	x	187,000	0	0	0			
271		Devonian; Dev		440	x	95,000	0	0	0			
272	Boyd, <i>Jefferson</i>	4	1944	1,420	8,087,000	679,000	0	0	0			
273		Bethel; Mis U		1,400	x	x	0	0	0			
274		Aux Vases; Mis U		600	x	x	0	0	0			
275		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
276		4										
277	Broughton, <i>Hamilton</i>	McClosky; Mis L	1951	20	2,000	2,000	0	0	0			
278	Broughton South, <i>Saline</i>	McClosky; Mis L	1951	20	0	0	0	0	0			
279	Browns, <i>Edwards-Wabash</i>	4	1943	900	1,297,000	67,000	0	0	0			
280		Tar Springs; Mis U <sup>31</sup>		10	x	x	0	0	0			
281		Cypress; Mis U		260	x	x	0	0	0			
282		Bethel; Mis U		30	x	x	0	0	0			
283		Lower Ohara; Mis L		40	x	x	0	0	0			
284		Rosiclare; Mis L <sup>32</sup>		20	x	x	0	0	0			
285		McClosky; Mis L		700	x	x	0	0	0			
286		4										
287		Cypress; Mis U		1946	490	1,241,000	184,000	0	0	0		
288		Browns East, <i>Wabash</i>		1943	20	10,000	2,000	0	0	0		
289	Browns South, <i>Edwards</i>	Bethel; Mis U	20	x	x	0	0	0				
290		Aux Vases; Mis U <sup>31</sup>	10	x	x	0	0	0				
291		4										
292		4										
293		Bungay Consolidated, <i>Hamilton</i> <sup>35</sup>	1941	2,700	6,220,000	891,000	0	0	0			
294		Renault; Mis U			x	x	0	0	0			
295		Aux Vases; Mis U		2,660	x	x	0	0	0			
296		Lower Ohara; Mis L			x	x	0	0	0			
297		Rosiclare; Mis L		400	x	x	0	0	0			
298		McClosky; Mis L			x	x	0	0	0			
299		4										
300		McClosky; Mis L										
301	Burnt Prairie South, <i>White</i>	4	1947	20	7,000	1,000	0	0	0			
302		McClosky; Mis L		30	1,000	1,000	0	0	0			
303		Rosiclare; Mis L		10	x	x	0	0	0			
304	Calhoun Central, <i>Richland</i>	4	1944	20	x	x	0	0	0			
305		McClosky; Mis L		2,300	2,462,000	96,000	0	0	0			
306		Lower Ohara; Mis L		x	x	x	0	0	0			
307		Rosiclare; Mis L		x	x	x	0	0	0			
308	Calhoun Consolidated, <i>Rich- land-Wayne</i>	4	1950	160	166,000	30,000	0	0	0			
309		Ste. Genevieve; Mis L		40	42,000	3,000	0	0	0			
310		Rosiclare; Mis L <sup>31</sup>		20	x	x	0	0	0			
311		McClosky; Mis L		40	x	x	0	0	0			
312	Calhoun East, <i>Richland</i>	4	1944	40	42,000	3,000	0	0	0			
313		Rosiclare; Mis L <sup>31</sup>		20	x	x	0	0	0			
314		McClosky; Mis L		40	x	x	0	0	0			
315		4										
316	Cantrell, <i>Hamilton</i>	Aux Vases; Mis U	1949	200	340,000	78,000	0	0	0			
317		Aux Vases; Mis U		60	62,000	62,000	0	0	0			
318		Aux Vases; Mis U		300	445,000	320,000	0	0	0			
319		Aux Vases; Mis U		200	x	x	0	0	0			
320	Cantrell North, <i>Hamilton</i>	Lower Ohara; Mis L	1951	80	x	x	0	0	0			
321		Rosiclare; Mis L		20	x	x	0	0	0			
322		McClosky; Mis L		20	1,000	0	0	0	0			
323		4										
324	Cantrell South, <i>Hamilton</i>	Pottsville; Pen	1941	120	1,000	100	0	0	0			
325		Bethel; Mis U		460	161,000	85,000	0	0	0			
326		Cypress; Mis U		10	0	0	0	0	0			
327		McClosky; Mis L		30	6,000	0	0	0	0			
328	Carmi, <i>White</i> <sup>36</sup>	4	1942	70	150,000	8,000	0	0	0			
329		Cypress; Mis U		20	x	x	0	0	0			
330		Aux Vases; Mis U		60	x	x	0	0	0			
331		4										
332	Carmi North, <i>White</i>	McClosky; Mis L	1940	120	347,000	13,000	0	0	0			
333		4		900	2,561,000	286,000	0	0	0			
334		Palestine; Mis U		30	x	x	0	0	0			
335		Tar Springs; Mis U		380	x	x	0	0	0			
336	Centerville, <i>White</i>	Hardinsburg; Mis U	1941	10	x	x	0	0	0			
337		Cypress; Mis U		110	x	x	0	0	0			
338		Bethel; Mis U		140	x	x	0	0	0			
339		Aux Vases; Mis U		250	x	x	0	0	0			
340	Centerville East, <i>White</i>	Lower Ohara; Mis L <sup>31</sup>	1941	20	x	x	0	0	0			
341		4										
342		McClosky; Mis L										



TABLE 1-A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>6</sup>	CHARACTER OF OIL <sup>4</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>5</sup>	POROSITY PER CENT <sup>7</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>8</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
269	2	0	0	0	2	0												
270	36	0	0	1	28	0										R	Dev	2,841
271	25	0	0	0	23	0	x	x		36.0	x	S	P	1,190	20	D		
272	11	0	0	1	5	0	x	x		28.2	0.33	L	P	2,630	5	D		
273	114	0	1	0	106	0			W							A	Dev	3,870
274	72	0	1	0	68	0	345	x	W	39.4	0.14	S	P	2,050	18	A		
275	6	0	0	0	0	0	x	x		39.4	x	S	P	2,130	15	A		
276	0	0	0	0	0	0	x	x		39.4	x	L	P	2,230	2	A		
277	36	0	0	0	38	0												
278	1	1	0	0	1	0	x	x		x	x	L	P	3,275	5	X	Mis L	3,345
279	1	1	0	0	0	0	x	x		x	x	L	P	3,215	4	X	Mis L	3,300
280	47	0	1	0	38	0										A	Mis L	3,113
281	0	0	0	0	0	0	x	x		x	x	S	P	2,365	14	AL		
282	8	0	0	0	8	0	1,050	x		34.7	0.18	S	P	2,640	13	AL		
283	1	0	0	0	1	0	x	x		34.7	x	S	P	2,785	12	A		
284	2	0	0	0	1	0	x	x		x	x	L	P	2,965	4	A		
285	0	0	0	0	0	0	x	x		x	x	L	P	2,975	3	A		
286	27	0	1	0	17	0	x	x		35.0	x	L	P	3,000	6	A		
287	9	0	0	0	11	0												
288	48	1	0	0	38	0	1,035	x	W	36.0	x	S	P	2,570	10	ML	Mis L	3,058
289	2	0	0	0	1	0										N	Mis L	3,095
290	1	0	0	0	0	0	x	x		x	x	S	P	2,850	15	N		
291	0	0	0	0	0	0	x	x		x	x	S	P	2,955	5	N		
292	1	0	0	0	1	0												
293	164	23	4	0	141	0			W							A	Mis L	3,565
294	2	2	0	0	15	0	x	x		x	x	S	P	3,270	10	AL		
295	145	20	3	0	107	0	1,300	x	W	37.0	0.24	S	P	3,285	15	AL		
296	1	0	0	0	1	0	x	x		x	x	L	P	3,335	8	AC		
297	2	0	1	0	1	0	x	x		x	x	L	P	3,400	8	AC		
298	8	0	0	0	4	0	x	x		36.8	0.24	L	P	3,425	8	AC		
299	6	1	0	0	13	0												
300	1	0	0	0	1	0	500	x		36.5	x	L	P	3,415	6	X	Mis L	3,552
301	2	1	1	0	1	0										M	Mis L	3,335
302	1	1	1	0	0	0	x	x		x	x	L	P	3,245	6	MC		
303	1	0	0	0	1	0	x	x		x	x	L	P	3,280	3	MC		
304	94	2	2	0	72	0			W							A	Mis L	3,323
305	19	0	1	0	10	0	x	x		x	x	OL	P	3,140	9	A		
306	10	1	0	0	8	0	x	x		x	x	OL	P	3,160	6	A		
307	51	1	1	0	44	0	x	x	W	38.0	0.15	OL	P	3,180	9	A		
308	14	0	0	0	10	0												
309	5	0	0	0	5	0	x	x		39.4	x	L	P	3,265	5	MC	Mis L	3,380
310	2	0	0	0	1	0										A	Mis L	3,280
311	0	0	0	0	0	0	x	x		x	x	LS	P	3,155	10	A		
312	1	0	0	0	0	0	x	x		x	x	OL	P	3,170	11	A		
313	1	0	0	0	1	0												
314	19	2	1	0	16	0	x	x		39.0	x	S	P	3,200	15	AL	Mis L	3,462
315	6	6	0	0	6	0	x	x		x	x	S	P	3,270	10	AL	Mis L	3,419
316	20	10	1	0	19	0										A	Mis L	3,415
317	14	10	1	0	14	0	x	x		x	x	S	P	3,130	20	AL		
318	4	0	0	0	3	0	x	x		x	x	L	P	3,180	9	AC		
319	1	0	0	0	1	0	x	x		x	x	L	P	3,185	3	AC		
320	1	0	1	0	0	0	x	x		x	x	L	P	3,325	4	AC		
321	0	0	0	0	1	0												
322	6	0	0	0	1	0	x	x		20.3	0.35	S	P	440	10	X	Pen	562
323	38	1	2	0	35	0	x	x		36.0	x	S	P	1,150	6	AL	Dev	2,558
324	1	1	0	0	1	0	x	x		x	x	S	P	1,075	3	X	Mis U	1,194
325	2	0	0	0	0	0	x	x		x	x	OL	P	3,150	6	MF	Mis L	3,282
326	4	1	0	0	4	0										A	Mis L	3,418
327	1	1	0	0	1	0	x	x		38.0	x	S	P	2,940	13	Af		
328	3	0	0	0	2	0	x	x		37.0	0.14	S	P	3,220	14	Af		
329	0	0	0	0	1	0												
330	5	0	0	0	4	0	x	x		40.0	0.17	OL	P	3,370	6	AC	Mis L	3,600
331	84	15	1	0	74	0			W							A	Mis L	3,368
332	2	1	0	0	0	0	x	x		x	x	S	P	2,225	3	AL		
333	26	0	0	0	26	0	x	x	W	37.2	0.20	S	P	2,460	24	AL		
334	1	0	0	0	1	0	x	x		x	x	S	P	2,615	22	AL		
335	11	4	0	0	1	0	x	x		36.0	x	S	P	2,915	6	AL		
336	8	3	0	0	10	0	x	x		36.0	x	S	P	2,990	20	AL		
337	24	6	0	0	18	0	x	x		36.0	x	S	P	3,075	21	AL		
338	0	0	0	0	0	0	x	x		36.0	x	OL	P	3,175	5	AC		

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>		
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951	
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951				
339	Centerville North, <i>White</i> <sup>37</sup> Centralia, <i>Clinton-Marion</i>	McClosky; Mis L <sup>4</sup>	1947	220	x	x	0	0	0				
340		Bethel; Mis U		10	0	0	0	0	0				
341				1937	3,360	36,149,000	879,000	0	0				0
342		Pennsylvanian; Pen		10	x	x	0	0	0				
343		Cypress; Mis U			x	x	0	0	0				
344		Bethel; Mis U		1,400	x	x	0	0	0				
345		Devonian; Dev		2,500	20,808,000	386,000	0	0	0				
346		Trenton; Ord		1,400	1,827,000	278,000	0	0	0				
347													
348													
349	Centralia West, <i>Clinton</i>	Bethel; Mis U	1940	90	370,000	8,000	0	0	0				
350	Christopher, <i>Franklin</i> <sup>38</sup>	Lower Ohara; Mis L	1951	10	0	0	0	0	0				
351	Cisne North, <i>Wayne</i>		1942	260	121,000	23,000	0	0	0				
352		Aux Vases; Mis U		80	x	x	0	0	0				
353		McClosky; Mis L		200	x	x	0	0	0				
354													
355	Claremont (Gas), <i>Richland</i>	Rosiclare; Mis L	1950	0	0	0	160	0	0				
356	Clarksburg, <i>Shelby</i>	Bethel; Mis U	1946	20	12,000	2,000	0	0	0				
357	Clay City Consolidated, <i>Clay-Wayne -</i> <i>Richland-Jasper</i>		1937	66,000	140,786,000	6,957,000	x	x	x				
358		Cypress; Mis U		5,000	x	x	x	x	x				
359		Bethel; Mis U		30	x	x	0	0	0				
360		Aux Vases; Mis U		10,100	x	x	0	0	0				
361		Lower Ohara; Mis L			x	x	0	0	0				
362		Rosiclare; Mis L		55,000	x	x	0	0	0				
363		McClosky; Mis L			x	x	0	0	0				
364		St. Louis; Mis L <sup>32</sup>		20	x	x	0	0	0				
365		Salem; Mis L		60	x	x	0	0	0				
366		Devonian; Dev		20	5,000	1,000	0	0	0				
367													
368	Clay City North, <i>Clay</i>		1948	300	378,000	18,000	0	0	0				
369		Cypress; Mis U		30	x	x	0	0	0				
370		Rosiclare; Mis L		120	x	x	0	0	0				
371		McClosky; Mis L		160	x	x	0	0	0				
372													
373	Clay City West, <i>Clay</i>		1941	530	1,280,000	31,000	0	0	0				
374		Cypress; Mis U		10	20,000	0	0	0	0				
375		Aux Vases; Mis U		30	x	x	0	0	0				
376		McClosky; Mis L		520	x	x	0	0	0				
377													
378	Coil, <i>Wayne</i>		1942	480	1,227,000	38,000	0	0	0				
379		Aux Vases; Mis U		460	1,226,000	38,000	0	0	0				
380		McClosky; Mis L		20	1,000	0	0	0	0				
381	Coil West, <i>Jefferson</i>		1942	300	486,000	24,000	0	0	0				
382		Aux Vases; Mis U		80	x	x	0	0	0				
383		Lower Ohara; Mis L			x	x	0	0	0				
384		Rosiclare; Mis L <sup>31</sup>		300	x	x	0	0	0				
385		McClosky; Mis L			x	x	0	0	0				
386													
387	Concord, <i>White</i>		1942	1,300	3,385,000	161,000	0	0	0				
388		Tar Springs; Mis U		180	x	x	0	0	0				
389		Cypress; Mis U		140	x	x	0	0	0				
390		Renault; Mis U <sup>31</sup>		20	x	x	0	0	0				
391		Aux Vases; Mis U		360	x	x	0	0	0				
392		Lower Ohara; Mis L		120	x	x	0	0	0				
393		McClosky; Mis L		1,040	x	x	0	0	0				
394													
395	Concord Central, <i>White</i>		1947	140	183,000	22,000	0	0	0				
396		Cypress; Mis U		20	x	x	0	0	0				
397		Aux Vases; Mis U		100	x	x	0	0	0				
398		McClosky; Mis L		40	x	x	0	0	0				
399													
400	Concord East Consolidated, <i>White</i> <sup>39</sup>		1942	100	129,000	16,000	0	0	0				
401		Waltersburg; Mis U		30	x	x	0	0	0				
402		Tar Springs; Mis U		20	17,000	1,000	0	0	0				
403		Lower Ohara; Mis L		40	x	x	0	0	0				
404		McClosky; Mis L		20	x	x	0	0	0				
405	Concord North, <i>White</i>		1946	40	116,000	5,000	0	0	0				
406		Aux Vases; Mis U		40	x	x	0	0	0				
407		McClosky; Mis L <sup>31</sup>		20	x	x	0	0	0				

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>6</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
339	10	0	1	0	4	0	x	x		37.0	x	OL	P	3,230	7	AC		
340	2	1	0	0	14	0												
341	1	0	0	0	0	0	x	x		x	x	S	P	2,990	13	ML	Mis L	3,290
342	995	0	12	0	479	0			W							A	Ord	4,170
343	0	0	0	0	1	0	x	x		x	x	S	P	690	x	A		
344	50	0	3	0	76	0	500	x		36.4	0.20	S	P	1,200	12	A		
345	566	0	6	0	220	0	525	x		37.0	0.17	S	P	1,355	20	A		
346	319	0	3	0	180	0	2,000	x		39.8	0.38	L	C	2,870	9	A		
347	59	0	0	0	65	0	1,840	x	W	41.0	x	L	C	3,930	40	A		
348	1	0	0	0	9	0												
349	9	0	3	0	4	0	x	x		37.8	0.17	S	P	1,440	9	N	Mis U	1,634
350	1	1	1	0	0	0	x	x		x	x	L	P	2,675	8	X	Mis L	2,822
351	11	0	0	0	8	0										M	Mis L	3,295
352	3	0	0	0	2	0	x	x		38.0	x	S	P	3,050	15	ML		
353	7	0	0	0	6	0	x	x		37.0	x	L	P	3,170	6	MC		
354	1	0	0	0	0	0												
355	1	0	0	0	0	0	x	x				L	P	3,200	5	MC	Mis L	3,315
356	2	0	0	0	1	0	x	x		33.5	x	S	P	1,770	6	A	Mis L	2,454
357	2,981	75	84	0	2,223	2			W							A	St. Peter	7,205
358	243	17	8	0	232	2	x	x		34.0	x	S	P	2,635	16	AL		
359	0	0	0	0	1	0	x	x		x	x	S	P	2,800	15	AL		
360	506	16	17	0	412	0	x	x		39.0	x	S	P	2,940	15	AL		
361	81	15	2	0	67	0	x	x	W	38.0	x	L	P	3,020	5	AC		
362	165	8	6	0	137	0	x	x		38.0	x	OL	P	3,030	8	AC		
363	1,851	10	38	0	1,151	0	x	x	W	40.0	x	OL	P	3,050	10	AC		
364	0	0	0	0	0	0	x	x		x	x	L	P	2,935	3	A		
365	2	0	1	0	1	0	x	x		x	x	L	P	3,575	10	A		
366	0	0	0	0	1	0	x	x		x	x	L	P	4,350	10	A		
367	133	9	12	0	221	0												
368	16	0	0	0	14	0										A	Mis L	3,135
369	3	0	0	0	2	0	x	x		x	x	S	P	2,650	6	A		
370	5	0	0	0	4	0	x	x		38.0	x	L	P	3,010	5	AC		
371	7	0	0	0	7	0	x	x		x	x	L	P	3,020	10	AC		
372	1	0	0	0	1	0												
373	17	0	0	0	12	0			W							A	Mis L	3,218
374	1	0	0	0	0	0	x	x		x	x	S	P	2,700	10	A		
375	0	0	0	0	3	0	x	x		x	x	S	P	2,950	7	A		
376	16	0	0	0	8	0	x	x	W	39.4	0.12	OL	P	3,065	15	A		
377	0	0	0	0	1	0												
378	17	0	0	0	13	0										A	Mis L	3,250
379	16	0	0	0	13	0	x	x		39.0	0.12	S	P	2,700	10	A		
380	1	0	0	0	0	0	x	x		x	x	OL	P	3,065	15	A		
381	15	0	2	0	8	0										A	Mis L	3,022
382	4	0	0	0	4	0	x	x		x	x	S	P	2,720	15	AL		
383	1	0	1	0	0	0	x	x		x	x	L	P	2,790	7	AC		
384	0	0	0	0	0	0	x	x		x	x	L	P	2,805	x	AC		
385	6	0	1	0	0	0	x	x		x	x	L	P	2,880	8	AC		
386	4	0	0	0	4	0												
387	98	0	2	0	84	0			W							A	Mis L	3,115
388	15	0	0	0	13	0	400	x		36.0	x	S	P	2,270	11	AL		
389	9	0	0	0	8	0	x	x		x	x	S	P	2,625	10	AL		
390	0	0	0	0	0	0	x	x		x	x	L	P	2,850	x	AC		
391	16	0	0	0	16	0	x	x		36.0	0.15	S	P	2,905	14	AL		
392	1	0	0	0	1	0	x	x		x	x	L	P	2,930	8	AC		
393	44	0	2	0	26	0	1,000	x	W	37.0	x	L	P	2,990	10	AC		
394	13	0	0	0	20	0												
395	9	0	0	0	8	0										A	Mis L	3,057
396	1	0	0	0	1	0	x	x		x	x	S	P	2,610	13	AL		
397	6	0	0	0	5	0	x	x		x	x	S	P	2,900	15	AL		
398	1	0	0	0	1	0	x	x		x	x	L	P	2,970	7	AC		
399	1	0	0	0	1	0												
400	8	0	2	0	6	0										A	Mis L	3,125
401	3	0	0	0	3	0	x	x		37.2	x	S	P	2,140	10	A		
402	2	0	1	0	1	0	x	x		x	x	S	P	2,175	4	A		
403	2	0	1	0	1	0	x	x		x	x	L	P	2,895	6	AC		
404	1	0	0	0	1	0	x	x		x	x	L	P	2,960	2	AC		
405	4	0	0	0	4	0										A	Mis L	3,138
406	4	0	0	0	3	0	900	x		38.0	x	S	P	2,950	10	A		
407	0	0	0	0	0	0	x	x		x	x	L	P	3,035	6	A		



TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
408		4										
409	Concord South, <i>White</i>	Tar Springs; Mis U	1944	40	25,000	1,000	0	0	0			
410	Cooks Mills, <i>Coles</i> <sup>40</sup>	Aux Vases; Mis U	1941	20	6,000	0	0	0	0			
411	Cooks Mills North, <i>Coles</i> <sup>41</sup>	Rosiclare; Mis L	1946	20	200	0	0	0	0			
412	Cordes, <i>Washington</i>	Bethel; Mis U	1939	1,500	4,975,000	689,000	0	0	0			
413	Cottonwood, <i>Gallatin</i>	Tar Springs; Mis U	1947	20	19,000	2,000	480	439.9	160.7			
414	Cottonwood North, <i>Gallatin</i>		1951	70	18,000	18,000	0	0	0			
415		Cypress; Mis U		60	x	x	0	0	0			
416		McClosky; Mis L		20	x	x	0	0	0			
417	Covington South, <i>Wayne</i>	McClosky; Mis L	1943	320	155,000	4,000	0	0	0			
418	Craig, <i>Perry</i> <sup>42</sup>	Trenton; Ord	1948	20	2,000	500	0	0	0			
419	Cravat, <i>Jefferson</i>	Bethel; Mis U	1939	120	302,000	7,000	0	0	0			
420	Crossville, <i>White</i>		1946	100	15,000	1,000	0	0	0			
421		Bethel; Mis U		20	x	x	0	0	0			
422		Lower Ohara; Mis L		20	500	0	0	0	0			
423		McClosky; Mis L		60	x	x	0	0	0			
424	Dahlgren, <i>Hamilton</i>	McClosky; Mis L	1941	760	1,143,000	22,000	0	0	0			
425	Dale Consolidated, <i>Hamilton</i> <sup>43</sup>		1940	12,000	43,168,000	2,197,000	0	0	0			
426		Tar Springs; Mis U		460	x	x	0	0	0			
427		Hardinsburg; Mis U		100	x	x	0	0	0			
428		Cypress; Mis U		800	x	x	0	0	0			
429		Paint Creek; Mis U			x	x	0	0	0			
430		Bethel; Mis U		1,900	x	x	0	0	0			
431		Aux Vases; Mis U		9,300	x	x	0	0	0			
432		Lower Ohara; Mis L			x	x	0	0	0			
433		Rosiclare; Mis L		3,000	x	x	0	0	0			
434		McClosky; Mis L			x	x	0	0	0			
435		4										
436	Divide, <i>Jefferson</i>		1943	240	379,000	12,000	0	0	0			
437		Lower Ohara; Mis L <sup>31</sup>		20	x	x	0	0	0			
438		McClosky; Mis L		240	x	x	0	0	0			
439		4										
440	Divide East, <i>Jefferson</i>		1947	680	920,000	147,000	0	0	0			
441		Aux Vases; Mis U		100	x	x	0	0	0			
442		Rosiclare; Mis L		40	x	x	0	0	0			
443		McClosky; Mis L		600	x	x	0	0	0			
444		4										
445	Divide South, <i>Jefferson</i>	McClosky; Mis L	1948	80	140,000	15,000	0	0	0			
446	Divide West, <i>Jefferson</i>		1944	1,140	2,572,000	96,000	0	0	0			
447		Lower Ohara; Mis L <sup>31</sup>		120	x	x	0	0	0			
448		Rosiclare; Mis L		120	x	x	0	0	0			
449		McClosky; Mis L		1,140	x	x	0	0	0			
450		4										
451	Dix, <i>Jefferson-Marion</i>		1938	2,000	6,851,000	339,000	0	0	0			
452		Bethel; Mis U		1,900	x	x	0	0	0			
453		Aux Vases; Mis U		10	x	x	0	0	0			
454		Rosiclare; Mis L		100	x	x	0	0	0			
455	Dix South, <i>Jefferson</i> <sup>44</sup>	Bethel; Mis U	1941	20	13,000	0	0	0	0			
456	Dubois, <i>Washington</i>		1939	170	206,000	16,000	320	0	0			
457		Cypress; Mis U		20	4,000	4,000	320	0	0			
458		Bethel; Mis U		150	202,000	12,000	0	0	0			
459	Dubois West, <i>Washington</i>		1942	10	12,000	1,000	0	0	0			
460		Cypress; Mis U <sup>31</sup>		10	x	x	0	0	0			
461		Bethel; Mis U <sup>31</sup>		10	x	x	0	0	0			
462		4										
463	Dudley, <i>Edgar</i>		1948	520	281,000	106,000	80	0	0			
464		Pennsylvanian; Pen		260	x	x	80	0	0			
465		Pennsylvanian; Pen		500	x	x	0	0	0			
466	Dundas East, <i>Richland-Jasper</i>		1942	1,620	1,640,000	289,000	0	0	0			
467		Lower Ohara; Mis L		x	x	x	0	0	0			
468		Rosiclare; Mis L		x	x	x	0	0	0			
469		McClosky; Mis L		x	x	x	0	0	0			
470		4										
471	Eberle, <i>Effingham</i>		1947	110	59,000	5,000	0	0	0			
472		Cypress; Mis U		10	x	x	0	0	0			
473		Rosiclare; Mis L		20	1,000	1,000	0	0	0			
474		McClosky; Mis L		80	x	x	0	0	0			
475	Edinburg, <i>Christian</i> <sup>45</sup>	Devonian; Dev	1949	20	0	0	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup> Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
408	0	0	0	0	1	0												
409	4	0	1	0	1	0	x	x		x	x	S	P	2,300	10	A	Mis L	3,114
410	2	0	0	0	0	0	x	x		36.4	x	S	P	1,820	6	A	Mis L	1,912
411	1	0	0	0	0	0	x	x		x	x	S	P	1,780	10	A	Mis L	1,843
412	142	0	0	0	98	0	x	x	W	36.0	0.19	S	P	1,260	14	A	Dev	2,887
413	6	1	1	0	2	3	x	x		34.6	x	S	P	2,315	6	AC	Mis L	3,397
414	7	7	0	0	7	0										N	Mis L	3,109
415	6	6	0	0	6	0	x	x		x	x	S	P	2,620	15	NL		
416	1	1	0	0	1	0	x	x		x	x	L	P	3,010	2	NC		
417	8	0	2	0	3	0	x	x		39.4	0.18	L	P	3,310	5	AC	Mis L	3,397
418	1	0	1	0	0	0	x	x		35.0	x	L	P	3,650	20	X	Ord	3,735
419	11	0	0	0	9	0	x	x		35.4	0.23	S	P	2,070	10	A	Mis L	2,356
420	6	0	0	0	2	0										N	Mis L	3,250
421	2	0	0	0	1	0	x	x		x	x	S	P	2,880	9	N		
422	1	0	0	0	0	0	x	x		x	x	L	P	3,100	3	N		
423	3	0	0	0	1	0	x	x		x	x	L	P	3,120	5	N		
424	43	1	2	0	4	0	x	x		39.2	0.16	L	P	3,300	11	A	Mis L	3,493
425	843	46	7	0	678	0			G,W							A	Dev	5,345
426	25	0	0	0	24	0	x	x		x	x	S	P	2,430	25	A		
427	0	0	0	0	1	0	x	x		x	x	S	P	2,480	10	A		
428	44	1	1	0	43	0	x	x		37.6	0.25	S	P	2,700	15	A		
429	9	0	0	0	16	0	x	x		36.0	x	S	P	2,950	18	A		
430	106	7	1	0	71	0	x	x		39.0	0.19	S	P	2,975	18	A		
431	444	29	3	0	251	0	1,300	x	G,W	38.5	0.15	S	P	3,075	20	A		
432	43	1	0	0	27	0	x	x		38.4	0.22	L	P	3,110	10	AC		
433	8	1	0	0	5	0	x	x		38.0	x	LS	P	3,130	7	AC		
434	40	2	1	0	29	0	x	x		40.0	0.19	L	P	3,150	7	AC		
435	124	5	1	0	211	0												
436	11	0	0	0	9	0										A	Mis L	2,921
437	0	0	0	0	0	0	x	x		x	x	L	P	2,705	11	AC		
438	11	0	0	0	8	0	x	x		39.0	x	L	P	2,750	6	AC		
439	0	0	0	0	1	0												
440	38	1	0	0	33	0										A	Mis L	2,911
441	8	1	0	0	9	0	x	x		38.2	x	S	P	2,620	10	AL		
442	2	0	0	0	1	0	x	x		39.0	x	L	P	2,700	10	AC		
443	27	0	0	0	23	0	x	x		38.0	x	L	P	2,750	5	AC		
444	1	0	0	0	0	0												
445	4	0	0	0	4	0	1,110	x		35.0	x	L	P	2,880	5	X	Mis L	2,981
446	47	1	3	0	40	0										A	Mis L	2,902
447	0	0	0	0	0	0	x	x		x	x	L	P	2,680	10	AC		
448	1	1	0	0	1	0	x	x		x	x	LS	P	2,700	6	AC		
449	37	0	3	0	29	0	x	x		36.8	0.21	L	P	2,750	6	AC		
450	9	0	0	0	10	0												
451	98	1	1	0	89	0			P							A	Dev	3,874
452	93	1	1	0	81	0	735	x	P	38.0	0.18	S	P	1,950	12	A		
453	0	0	0	0	1	0	x	x		x	x	S	P	2,000	5	A		
454	5	0	0	0	7	0	x	x		x	x	S	P	2,100	5	A		
455	2	0	0	0	0	0	x	x		x	x	S	P	1,950	8	N	Mis L	2,283
456	23	5	0	0	11	0										A	Dev	3,537
457	10	2	0	0	2	0	500	x		x	x	S	P	1,200	8	AL		
458	13	3	0	0	9	0	x	x		31.5	0.26	S	P	1,370	7	AL		
459	1	0	0	0	1	0										A	Mis L	1,685
460	0	0	0	0	0	0	x	x		x	x	S	P	1,180	10	AL		
461	0	0	0	0	0	0	x	x		x	x	S	P	1,350	10	AL		
462	1	0	0	0	1	0												
463	68	3	2	0	59	0										M	St. Peter	2,997
464	21	2	1	0	17	0	x	x		36.0	x	S	P	310	20	ML		
465	47	1	1	0	42	0	x	x		25.0	x	S	P	410	50	ML		
466	55	13	2	0	49	0										A	Mis L	3,158
467	7	0	0	0	2	0	x	x		38.0	x	OL	P	2,905	10	A		
468	15	13	1	0	15	0	x	x		38.0	x	OL	P	2,920	8	A		
469	32	0	1	0	31	0	x	x		39.1	x	OL	P	2,950	10	A		
470	1	0	0	0	1	0												
471	6	1	0	0	6	0										N	Mis L	2,882
472	1	0	0	0	1	0	x	x		35.5	x	S	P	2,475	10	N		
473	1	1	0	0	1	0	x	x		x	x	L	P	2,680	5	N		
474	4	0	0	0	4	0	x	x		35.5	x	L	P	2,820	7	N		
475	1	0	1	0	0	0	x	x		x	x	L	C	1,810	2	X	Dev	1,853

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
476	Elbridge, <i>Edgar</i>	Pennsylvanian; Pen	1949	360	821,000	267,000	0	0	0			
477		Fredonia; Mis L		20	x	x	0	0	0			
478		Devonian; Dev <sup>32</sup>		360	x	x	0	0	0			
479				10	x	0	0	0	0			
480	Eldorado, <i>Saline</i>		1941	30	18,000	2,000	0	0	0			
481		Palestine; Mis U		10	x	1,000	0	0	0			
482		Tar Springs; Mis U <sup>32</sup>		10	x	x	0	0	0			
483		Aux Vases; Mis U		10	14,000	1,000	0	0	0			
484		McClosky; Mis L		10	x	0	0	0	0			
485	Elk Prairie, <i>Jefferson</i> <sup>46</sup>	McClosky; Mis L	1938	20	1,000	0	0	0	0			
486	Elkville, <i>Jackson</i>	Paint Creek; Mis U	1941	10	4,000	500	0	0	0			
487	Ellery, <i>Edwards-Wayne</i>		1941	60	77,000	5,000	0	0	0			
488		Aux Vases; Mis U <sup>31</sup>		10	x	x	0	0	0			
489		McClosky; Mis L		60	x	x	0	0	0			
490				4								
491	Ellery North, <i>Edwards</i> <sup>47</sup>		1942	100	4,000	1,000	0	0	0			
492		Rosiclare; Mis L		60	1,000	1,000	0	0	0			
493		McClosky; Mis L		40	3,000	0	0	0	0			
494	Ellery South, <i>Edwards</i>		1943	170	138,000	5,000	0	0	0			
495		Aux Vases; Mis U		10	2,000	1,000	0	0	0			
496		McClosky; Mis L		160	136,000	4,000	0	0	0			
497	Ellery West, <i>Wayne</i>		1950	680	381,000	278,000	0	0	0			
498		Bethel; Mis U		200	x	x	0	0	0			
499		Aux Vases; Mis U <sup>31</sup>		40	x	x	0	0	0			
500		Lower Ohara; Mis L			x	x	0	0	0			
501		Rosiclare; Mis L		480	x	x	0	0	0			
502		McClosky; Mis L			x	x	0	0	0			
503				4								
504	Elliottstown, <i>Effingham</i> <sup>48</sup>	Rosiclare; Mis L	1947	20	14,000	500	0	0	0			
505	Enfield, <i>White</i> <sup>49</sup>		1950	20	17,000	3,000	0	0	0			
506		Aux Vases; Mis U		10	16,000	3,000	0	0	0			
507		McClosky; Mis L		10	1,000	0	0	0	0			
508	Epworth Consolidated, <i>White</i> <sup>50</sup>		1941	260	538,000	61,000	0	0	0			
509		Biehl; Pen		30	x	x	0	0	0			
510		Clore; Mis U		110	x	x	0	0	0			
511		Tar Springs; Mis U		50	x	x	0	0	0			
512		Cypress; Mis U		20	x	x	0	0	0			
513		Aux Vases; Mis U		50	x	x	0	0	0			
514		Rosiclare; Mis L		10	3,000	0	0	0	0			
515	Evers, <i>Effingham</i> <sup>51</sup>	McClosky; Mis L	1948	10	1,000	0	0	0	0			
516	Evers South, <i>Effingham</i> <sup>52</sup>	Rosiclare; Mis L	1948	10	2,000	0	0	0	0			
517	Ewing, <i>Franklin</i>		1944	150	374,000	42,000	0	0	0			
518		Aux Vases; Mis U		10	38,000	5,000	0	0	0			
519		McClosky; Mis L		140	336,000	37,000	0	0	0			
520	Exchange, <i>Marion</i>		1943	80	54,000	3,000	0	0	0			
521		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
522		McClosky; Mis L		80	x	x	0	0	0			
523				4								
524	Exchange North, <i>Marion</i>	McClosky; Mis L	1951	20	2,000	2,000	0	0	0			
525	Fairfield, <i>Wayne</i>		1942	800	1,627,000	242,000	0	0	0			
526		Tar Springs; Mis U		160	x	x	0	0	0			
527		Cypress; Mis U		110	x	x	0	0	0			
528		Aux Vases; Mis U		600	x	x	0	0	0			
529		Lower Ohara; Mis L		20	x	x	0	0	0			
530		Rosiclare; Mis L		20	x	x	0	0	0			
531		McClosky; Mis L		20	x	x	0	0	0			
532				4								
533	Fairfield East, <i>Wayne</i>	Aux Vases; Mis U	1947	10	13,000	3,000	0	0	0			
534	Fairman, <i>Marion-Clinton</i>	Bethel; Mis U	1939	460	1,424,000	90,000	0	0	0			
535	Fitzgerrell, <i>Jefferson</i>		1944	10	15,000	1,000	0	0	0			
536		Bethel Mis U		10	x	x	0	0	0			
537		Aux Vases; Mis U		10	x	x	0	0	0			
538	Flannigan, <i>Hamilton</i>	Aux Vases; Mis U	1950	60	153,000	106,000	0	0	0			
539	Flora, <i>Clay</i>		1938	840	948,000	30,000	0	0	0			
540		Cypress; Mis U		20	x	x	0	0	0			
541		Bethel; Mis U		30	x	x	0	0	0			
542		Aux Vases; Mis U		10	x	x	0	0	0			
543		McClosky; Mis L		820	x	x	0	0	0			
544				4								
545	Flora South, <i>Clay</i>	McClosky; Mis L	1946	100	102,000	13,000	0	0	0			



TABLE I - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
476	38	1	1	0	34	0			W						R	Dev	2,093	
477	2	1	0	0	2	0	x	x		x		P	760	3	D			
478	36	0	1	0	32	0	x	x	W	x	L	P	950	3	D			
479	0	0	0	0	0	0	x	x		x	L	P	1,950	20	D			
480	3	0	1	0	1	0									A	Mis L	3,144	
481	1	0	1	0	0	0	x	x		x	S	P	1,940	7	A			
482	0	0	0	0	0	0	x	x		x	S	P	2,205	17	A			
483	1	0	0	0	1	0	x	x		x	S	P	2,865	15	A			
484	1	0	0	0	0	0	x	x		34.2	0.14	L	P	2,945	5	A		
485	1	0	0	0	0	0	x	x		x	L	P	2,735	7	X	Mis L	2,958	
486	1	0	0	0	1	0	x	x		35.8	0.22	S	P	2,000	10	X	Mis L	2,387
487	3	0	1	0	2	0									A	Mis L	3,379	
488	0	0	0	0	0	0	x	x		x	x	P	3,240	20	AL			
489	3	0	1	0	1	0	x	x		x	x	P	3,345	10	AC			
490	0	0	0	0	1	0												
491	3	1	1	0	0	0									M	Mis L	3,496	
492	2	1	1	0	0	0	x	x		x	x	P	3,350	9	MC			
493	1	0	0	0	0	0	x	x		37.0	0.19	L	P	3,420	7	MC		
494	5	0	1	0	2	0									M	Mis L	3,434	
495	1	0	1	0	0	0	x	x		x	x	P	3,210	20	ML			
496	4	0	0	0	2	0	x	x		38.0	x	P	3,300	9	MC			
497	42	29	2	0	39	0									A	Mis L	3,445	
498	17	17	0	0	17	0	x	x		x	x	P	3,110	10	AL			
499	0	0	0	0	0	0	x	x		x	x	P	3,230	15	AL			
500	13	4	0	0	6	0	x	x		x	x	P	3,280	10	AC			
501	2	1	1	0	11	0	x	x		x	x	P	3,300	7	AC			
502	2	2	0	0	1	0	x	x		x	x	P	3,370	3	AC			
503	8	5	1	0	4	0												
504	1	0	1	0	0	0	x	x		x	x	P	2,730	8	X	Mis L	2,884	
505	2	0	1	0	0	0									A	Mis L	3,497	
506	1	0	1	0	0	0	x	x		x	x	P	3,280	5	AL			
507	1	0	0	0	0	0	x	x		x	x	P	3,420	7	AC			
508	25	6	0	0	21	0									AF	Mis L	3,204	
509	3	3	0	0	3	0	x	x		x	x	P	1,840	4	AL			
510	10	0	0	0	8	0	x	x		38.0	x	P	2,100	10	AL			
511	5	0	0	0	3	0	x	x		38.0	x	P	2,360	15	AL			
512	1	0	0	0	2	0	x	x		38.0	x	P	2,730	10	AL			
513	5	3	0	0	4	0	x	x		38.0	x	P	2,995	13	AL			
514	1	0	0	0	1	0	x	x		x	x	P	3,115	2	AC			
515	1	0	0	0	0	0	x	x		x	x	P	2,660	4	X	Mis L	2,808	
516	1	0	1	0	0	0	x	x		x	x	P	2,650	8	X	Mis L	2,771	
517	8	0	0	0	7	0									A	Mis L	3,094	
518	1	0	0	0	1	0	x	x		37.4	x	P	2,835	8	A			
519	7	0	0	0	6	0	x	x		x	x	P	2,970	7	A			
520	2	0	0	0	2	0									M	Mis L	2,869	
521	0	0	0	0	0	0	x	x		x	x	P	2,695	10	MC			
522	2	0	0	0	1	0	x	x		x	x	P	2,730	8	MC			
523	0	0	0	0	1	0												
524	1	1	0	0	1	0	x	x		x	x	P	2,715	5	X	Mis L	2,831	
525	66	0	6	0	56	0									A	Mis L	3,832	
526	8	0	4	0	7	0	x	x		37.0	x	P	2,560	15	AL			
527	4	0	0	0	2	0	x	x		37.0	x	P	2,945	12	AL			
528	41	0	2	0	39	0	x	x		37.0	x	P	3,200	20	AL			
529	1	0	0	0	1	0	x	x		x	x	P	3,210	4	AC			
530	1	0	0	0	1	0	x	x		x	x	P	3,240	6	AC			
531	1	0	0	0	0	0	x	x		x	x	P	3,305	5	AC			
532	10	0	0	0	6	0												
533	1	0	0	0	1	0	x	x		x	x	P	3,180	12	ML	Mis L	3,802	
534	41	0	0	0	27	0	x	x		37.0	0.27	S	P	1,435	10	A	Ord	4,100
535	1	0	0	0	1	0									X	Mis L	3,012	
536	1	0	0	0	0	0	x	x		x	x	P	2,760	5	X			
537	0	0	0	0	1	0	x	x		x	x	P	x	x	X			
538	6	1	0	0	6	0	x	x		38.0	x	P	3,240	18	AL	Mis L	3,471	
539	31	0	2	0	20	0									A	Mis L	3,100	
540	1	0	0	0	2	0	x	x		x	x	P	2,630	10	A			
541	1	0	0	0	0	0	x	x		36.0	x	P	2,785	10	A			
542	1	0	0	0	1	0	x	x		x	x	P	2,875	25	A			
543	27	0	2	0	13	0	x	x		37.0	0.24	L	P	2,965	10	A		
544	1	0	0	0	4	0												
545	4	1	0	0	3	0	x	x		39.0	x	P	2,985	6	AC	Mis L	3,361	

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
546	Friendsville Central, <i>Wabash</i>	Bethel; Mis U	1946	30	25,000	2,000	0	0	0			
547	Friendsville North, <i>Wabash</i>	Biehl; Pen	1946	120	147,000	23,000	0	0	0			
548	Frogtown North, <i>Clinton</i>		1951	380	308,000	308,000	0	0	0			
549		St. Louis; Mis L		80	66,000	66,000	0	0	0			
550		Devonian-Silurian		300	242,000	242,000	0	0	0			
551	Gards Point, <i>Wabash</i>	Lower Ohara; Mis L	1951	20	14,000	14,000	0	0	0			
552	Gays, <i>Moultrie</i> <sup>53</sup>	Aux Vases; Mis U	1946	10	500	0	0	0	0			
553	Goldengate Consolidated, <i>Wayne-White</i>		1938	3,500	4,870,000	597,000	0	0	0			
554		Bethel; Mis U		10	x	x	0	0	0			
555		Aux Vases; Mis U		410	x	x	0	0	0			
556		Lower Ohara; Mis L			x	x	0	0	0			
557		Rosiclare; Mis L		3,200	x	x	0	0	0			
558		McClosky; Mis L			x	x	0	0	0			
559		4										
560	Goldengate East, <i>Wayne</i>	Lower Ohara; Mis L	1951	20	1,000	1,000	0	0	0			
561	Goldengate North, <i>Wayne</i>		1945	60	35,000	3,000	0	0	0			
562		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
563		Rosiclare; Mis L		60	x	x	0	0	0			
564		4										
565	Goldengate West, <i>Wayne</i>		1948	80	12,000	7,000	0	0	0			
566		Aux Vases; Mis U		40	x	x	0	0	0			
567		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
568		Rosiclare; Mis L		40	4,000	4,000	0	0	0			
569		4										
570	Gossett, <i>White</i> <sup>54</sup>		1943	100	15,000	12,000	0	0	0			
571		Cypress; Mis U		20	6,000	6,000	0	0	0			
572		Aux Vases; Mis U		20	1,000	1,000	0	0	0			
573		McClosky; Mis L		60	8,000	5,000	0	0	0			
574	Grandview, <i>Edgar</i> <sup>55</sup>		1945	10	x	x	400	x	x			
575		Pennsylvanian; Pen		10	x	x	360	x	x			
576		Salem; Mis L		0	0	0	40	x	x			
577	Half Moon, <i>Wayne</i>		1947	430	583,000	272,000	0	0	0			
578		Aux Vases; Mis U		10	x	x	0	0	0			
579		Rosiclare; Mis L		40	x	x	0	0	0			
580		McClosky; Mis L		420	x	x	0	0	0			
581		4										
582	Helena, <i>Lawrence</i>		1947	50	22,000	5,000	0	0	0			
583		Waltersburg; Mis U		40	22,000	5,000	0	0	0			
584		McClosky; Mis L		10	0	0	0	0	0			
585	Herald, <i>White-Gallatin</i>		1939	2,360	3,231,000	358,000	400	x	26.0			
586		Pennsylvanian; Pen		0	0	0	40	x	x			
587		Pennsylvanian; Pen			x	x	0	0	0			
588		Pennsylvanian; Pen		150	x	x	0	0	0			
589		Pennsylvanian; Pen			x	x	120	0	0			
590		Degonia; Mis U		10	x	x	0	0	0			
591		Waltersburg; Mis U		420	x	x	240	x	x			
592		Tar Springs; Mis U		150	x	x	0	0	0			
593		Cypress; Mis U		800	x	x	0	0	0			
594		Paint Creek; Mis U <sup>31</sup>		10	x	x	0	0	0			
595		Bethel; Mis U		100	x	x	0	0	0			
596		Aux Vases; Mis U		320	x	x	0	0	0			
597		Lower Ohara; Mis L			x	x	0	0	0			
598		Rosiclare; Mis L		400	x	x	0	0	0			
599		McClosky; Mis L			x	x	0	0	0			
600		4										
601	Herald East, <i>White-Gallatin</i>		1947	500	855,000	102,000	0	0	0			
602		Waltersburg; Mis U		50	x	x	0	0	0			
603		Tar Springs; Mis U		60	x	x	0	0	0			
604		Aux Vases; Mis U		380	x	x	0	0	0			
605		Lower Ohara; Mis L		20	x	x	0	0	0			
606	Herald North, <i>White</i>	Aux Vases; Mis U	1948	40	58,000	9,000	0	0	0			
607	Hidalgo, <i>Jasper</i> <sup>56</sup>	McClosky; Mis L	1940	60	10,000	0	0	0	0			
608	Hidalgo North, <i>Cumberland</i>	Rosiclare; Mis L	1946	40	6,000	0	0	0	0			
609	Hill, <i>Effingham</i> <sup>57</sup>	McClosky; Mis L	1943	80	41,000	0	0	0	0			
610	Hoffman, <i>Clinton</i>		1939	260	652,000	16,000	0	0	0			
611		Cypress; Mis U		100	x	x	0	0	0			
612		Bethel; Mis U		180	x	x	0	0	0			
613		4										
614	Hoodville East, <i>Hamilton</i> <sup>58</sup>	McClosky; Mis L	1944	20	1,000	0	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

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LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING <sup>f</sup> DEC 1951			RESERVOIR PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		FLOWING	ARTIFICIAL LIFT	GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED															
546	3	0	0	0	2	0	x	x	5	x	x	S	P	2,330	15	MC	Mis L	2,630
547	13	0	0	0	7	0	x	x		x	x	S	P	1,615	12	MC	Mis L	2,592
548	22	22	0	0	22	0										R	Sil	2,456
549	4	4	0	0	5	0	x	x		x	x	L	P	1,200	10	D		
550	18	18	0	0	17	0	x	x		x	x	L	P	2,250	8	R		
551	1	1	0	0	1	0	x	x		x	x	L	P	2,240	6	X	Mis L	2,941
552	1	0	0	0	0	0	x	x		x	x	S	P	1,935	5	ML	Mis L	2,011
553	153	16	3	0	120	0										A	Mis L	3,568
554	0	0	0	0	1	0	x	x		x	x	S	P	x	x	AL		
555	35	5	1	0	29	0	x	x		40.0	0.14	S	P	3,180	15	AL		
556	11	0	0	0	10	0	x	x		39.0	x	OL	P	3,250	6	AC		
557	13	2	1	0	10	0	x	x		39.0	x	LS	P	3,275	7	AC		
558	66	3	1	0	36	0	1,025	x		40.0	0.19	OL	P	3,310	7	AC		
559	28	6	0	0	34	0												
560	1	1	0	0	1	0	x	x		x	x	L	P	3,290	3	X	Mis L	3,420
561	3	0	1	0	2	0										M	Mis L	3,460
562	0	0	0	0	0	0	x	x		37.0	x	L	P	3,310	10	MC		
563	1	0	1	0	0	0	x	x		37.0	x	L	P	3,325	6	MC		
564	2	0	0	0	2	0												
565	5	4	0	0	4	0										M	Mis L	3,490
566	3	2	0	0	2	0	x	x		40.0	x	S	P	3,240	15	ML		
567	0	0	0	0	0	0	x	x		x	x	L	P	3,320	5	MC		
568	1	1	0	0	1	0	x	x		x	x	L	P	3,330	4	MC		
569	1	1	0	0	1	0												
570	7	5	0	0	6	0										X	Mis L	3,210
571	2	2	0	0	2	0	x	x		x	x	S	P	2,625	9	X		
572	2	2	0	0	2	0	x	x		x	x	S	P	2,970	14	X		
573	3	1	0	0	2	0	x	x		x	x	L	P	3,065	5	X		
574	12	2	0	0	0	0	2									M	Mis L	663
575	11	2	0	0	0	2	x	x		x	x	S	P	400	x	ML		
576	1	0	0	0	0	0	x	x				L	P	570	2	ML		
577	23	5	0	0	21	0										M	Mis L	3,467
578	1	1	0	0	0	0	x	x		x	x	S	P	3,190	18	ML		
579	1	0	0	0	0	0	x	x		x	x	L	P	3,275	4	MC		
580	20	4	0	0	21	0	1,008	x		27.0	x	L	P	3,300	10	MC		
581	1	0	0	0	0	0												
582	5	0	0	0	2	0										X	Mis L	2,633
583	4	0	0	0	2	0	x	x		x	x	S	P	1,780	8	X		
584	1	0	0	0	0	0	x	x		x	x	L	P	2,390	6	X		
585	190	8	6	0	159	0										A	Mis L	3,394
586	1	1	0	0	0	1	x	x				S	P	695	5	A		
587	1	0	0	0	0	0	x	x		29.0	x	S	P	1,060	10	A		
588	10	0	0	0	6	0	x	x		29.0	x	S	P	1,500	15	A		
589	5	0	2	0	2	1	x	x		29.0	x	S	P	1,750	18	A		
590	1	0	0	0	2	0	x	x		36.0	x	S	P	1,920	12	A		
591	36	1	0	0	33	1	800	x		38.0	x	S	P	2,240	10	A		
592	10	0	0	0	7	0	x	x		37.2	0.24	S	P	2,260	13	AL		
593	72	3	2	0	66	0	x	x		36.0	0.22	S	P	2,660	14	AL		
594	0	0	0	0	0	0	x	x		36.0	x	S	P	x	x	AL		
595	8	2	0	0	6	0	x	x		36.0	x	S	P	2,790	11	AL		
596	27	0	0	0	23	0	1,000	x		35.7	x	S	P	2,920	6	AL		
597	4	1	0	0	2	0	x	x		37.0	x	L	P	2,965	6	AC		
598	2	0	0	0	1	0	x	x		x	x	L	P	3,005	4	AC		
599	8	0	2	0	6	0	750	x		38.0	x	L	P	3,010	10	AC		
600	5	0	0	0	5	0												
601	41	1	6	0	34	0										M	Mis L	3,157
602	5	0	1	0	7	0	x	x		37.0	x	S	P	2,290	10	ML		
603	6	0	0	0	4	0	x	x		35.6	x	S	P	2,365	12	ML		
604	30	1	5	0	22	0	700	x		38.0	x	S	P	2,930	16	ML		
605	0	0	0	0	1	0	x	x		x	x	L	P	x	x	MC		
606	4	0	0	0	4	0	x	x		38.6	x	S	P	2,900	10	MF	Mis L	3,082
607	3	0	0	0	0	0	x	x		36.6	0.20	L	P	2,575	4	MC	Dev	4,140
608	2	1	0	0	0	0	x	x		x	x	S	P	2,655	12	MC	Mis L	2,778
609	2	0	0	0	0	0	x	x		39.0	x	L	P	2,565	5	N	Mis L	2,710
610	50	0	3	0	17	0										A	Dev	2,914
611	12	0	0	0	5	0	x	x		x	x	S	P	1,190	11	A		
612	37	0	3	0	12	0	x	x		33.2	0.21	S	P	1,320	7	A		
613	1	0	0	0	0	0												
614	1	0	0	0	0	0	x	x		x	x	L	P	3,365	3	N	Mis L	3,411



TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
615	Hord, <i>Clay</i>	McClosky; Mis L	1950	60	47,000	46,000	0	0	0			
616	Hord South, <i>Clay</i>	McClosky; Mis L	1951	80	83,000	83,000	0	0	0			
617	Huey, <i>Clinton</i> <sup>59</sup>	Bethel; Mis U	1945	60	500	0	0	0	0			
618	Hunt City, <i>Jasper</i> <sup>60</sup>	Rosiclare; Mis L	1945	20	1,000	0	0	0	0			
619	Hunt City South, <i>Jasper</i>	McClosky; Mis L	1947	80	19,000	8,000	0	0	0			
620	Ina, <i>Jefferson</i> <sup>61</sup>	St. Louis; Mis L	1938	40	16,000	0	0	0	0			
621	Ina North, <i>Jefferson</i>	McClosky; Mis L	1949	20	1,000	0	0	0	0			
622	Inclose, <i>Edgar-Clark</i>	Pennsylvanian; Pen	1941	30	x	x	320	x	0			
623	Ingraham, <i>Clay</i> <sup>62</sup>		1942	580	412,000	360,000	0	0	0			
624		Rosiclare; Mis L		x	x	x	0	0	0			
625		McClosky; Mis L		x	x	x	0	0	0			
626	Inman East Consolidated, <i>Gallatin</i> <sup>63</sup>		1940	3,100	9,284,000	826,000	0	0	0			
627		Pennsylvanian; Pen		50	x	x	0	0	0			
628		Degonia; Mis U			x	x	0	0	0			
629		Clore; Mis U		90	x	x	0	0	0			
630		Palestine; Mis U		40	x	x	0	0	0			
631		Waltersburg; Mis U		500	x	x	0	0	0			
632		Tar Springs; Mis U		1,460	x	x	0	0	0			
633		Hardinsburg; Mis U		130	x	x	0	0	0			
634		Cypress; Mis U		1,360	x	x	0	0	0			
635		Aux Vases; Mis U		40	x	x	0	0	0			
636		Lower Ohara; Mis L		20	x	x	0	0	0			
637		Rosiclare; Mis L		20	x	x	0	0	0			
638		McClosky; Mis L		120	x	x	0	0	0			
639		<sup>4</sup>										
640	Inman West Consolidated, <i>Gallatin</i> <sup>64</sup>		1940	2,100	1,928,000	421,000	0	0	0			
641		Pennsylvanian; Pen		10	x	x	0	0	0			
642		Palestine; Mis U		40	x	x	0	0	0			
643		Waltersburg; Mis U		40	x	x	0	0	0			
644		Tar Springs; Mis U		660	x	x	0	0	0			
645		Hardinsburg; Mis U		160	x	x	0	0	0			
646		Cypress; Mis U		900	x	x	0	0	0			
647		Renault; Mis U <sup>31</sup>		20	x	x	0	0	0			
648		Aux Vases; Mis U		150	x	x	0	0	0			
649		Lower Ohara; Mis L		60	x	x	0	0	0			
650		Rosiclare; Mis L		40	x	x	0	0	0			
651		McClosky; Mis L		200	x	x	0	0	0			
652		<sup>4</sup>										
653	Iola Consolidated, <i>Clay- Effingham</i> <sup>65</sup>		1939	2,700	7,239,000	375,000	0	0	0			
654		Tar Springs; Mis U <sup>32</sup>		10	x	x	0	0	0			
655		Cypress; Mis U		430	x	x	0	0	0			
656		Paint Creek; Mis U <sup>31</sup>		10	x	x	0	0	0			
657		Bethel; Mis U		800	x	x	0	0	0			
658		Renault; Mis U <sup>31</sup>		10	x	x	0	0	0			
659		Aux Vases; Mis U		1,360	x	x	0	0	0			
660		Rosiclare; Mis L			x	x	0	0	0			
661		McClosky; Mis L		1,200	x	x	0	0	0			
662		<sup>4</sup>										
663	Iola South, <i>Clay</i>		1947	200	89,000	60,000	0	0	0			
664		Bethel; Mis U		120	x	x	0	0	0			
665		Rosiclare; Mis L		140	x	x	0	0	0			
666		<sup>4</sup>										
667	Iola West, <i>Clay</i> <sup>66</sup>	McClosky; Mis L	1945	20	500	0	0	0	0			
668	Iron, <i>White</i>		1940	1,020	3,665,000	61,000	0	0	0			
669		Waltersburg; Mis U <sup>32</sup>		10	x	0	0	0	0			
670		Tar Springs; Mis U		100	x	x	0	0	0			
671		Hardinsburg; Mis U		400	x	x	0	0	0			
672		Cypress; Mis U		50	x	x	0	0	0			
673		Bethel; Mis U		20	x	x	0	0	0			
674		Aux Vases; Mis U <sup>31</sup>		10	x	x	0	0	0			
675		Lower Ohara; Mis L <sup>31</sup>		20	x	x	0	0	0			
676		Rosiclare; Mis L <sup>31</sup>		20	x	x	0	0	0			
677		McClosky; Mis L		340	x	x	0	0	0			
678		<sup>4</sup>										
679	Irvington, <i>Washington</i>		1940	1,000	5,053,000	170,000	0	0	0			
680		Barlow; Mis U <sup>32</sup>		10	x	x	0	0	0			
681		Cypress; Mis U		100	x	x	0	0	0			
682		Bethel; Mis U		900	x	x	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>1</sup>		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
615	3	2	0	0	3	0	x	x		x	x	L	P	2,800	5	TC	Mis L	2,954
616	4	4	0	0	4	0	x	x		x	x	L	P	2,780	5	NC	Mis L	2,902
617	3	0	0	0	0	0	x	x		x	x	S	P	1,260	6	AL	Dev	2,720
618	1	0	0	0	0	0	x	x		x	x	S	P	2,540	10	MC	Mis L	2,716
619	4	2	0	0	4	0	x	x		x	x	L	P	2,445	7	MC	Mis L	2,555
620	2	0	0	0	0	0	x	x		36.4	0.20	L	P	3,000	4	AC	Mis L	3,100
621	1	0	0	0	0	0	x	x		x	x	L	P	2,940	4	X	Mis L	3,150
622	12	0	0	0	0	0	x	x		x	x	S	P	340	8	AL	Mis L	1,600
623	32	25	2	0	27	0										M	Mis L	3,148
624	28	25	2	0	26	0	x	x		36.8	0.21	L	P	3,000	7	MC		
625	4	0	0	0	1	0	x	x		36.8	0.21	L	P	3,075	8	MC		
626	296	4	4	0	274	0										A	Mis L	3,020
627	3	0	0	0	2	0	x	x		38.0	x	S	P	780	10	AF		
628	1	0	0	0	1	0	x	x		37.0	x	S	P	1,690	10	AF		
629	1	0	0	0	1	0	x	x		37.0	x	S	P	1,725	8	AF		
630	1	0	0	0	1	0	x	x		37.0	x	S	P	1,840	13	AF		
631	28	1	1	0	25	0	x	x		38.0	x	S	P	1,980	18	AF		
632	128	0	2	0	119	0	x	x		36.0	0.24	S	P	2,080	13	AF		
633	3	0	0	0	2	0	x	x		34.0	x	S	P	2,135	10	AF		
634	89	2	1	0	85	0	x	x		35.0	0.23	S	P	2,390	14	AF		
635	3	0	0	0	2	0	x	x		38.0	x	S	P	2,715	8	AF		
636	1	0	0	0	1	0	x	x		x	x	L	P	2,795	5	AF		
637	1	0	0	0	1	0	x	x		x	x	L	P	2,790	7	AF		
638	4	0	0	0	3	0	x	x		38.0	x	L	P	2,800	8	AF		
639	33	1	0	0	31	0												
640	155	16	6	0	133	0										T	Mis L	3,060
641	1	0	0	0	0	0	x	x		x	x	S	P	925	8	NL		
642	3	0	1	0	2	0	x	x		30.6	x	S	P	1,765	13	NL		
643	4	0	1	0	2	0	x	x		x	x	S	P	2,080	10	NL		
644	40	3	1	0	38	0	750	x		37.0	x	S	P	2,140	8	TL		
645	4	0	0	0	3	0	x	x		x	x	S	P	2,300	10	TL		
646	52	5	2	0	49	0	x	x		37.0	x	S	P	2,475	10	T		
647	0	0	0	0	0	0	x	x		x	x	L	P	2,775	7	T		
648	12	2	1	0	10	0	x	x		x	x	S	P	2,790	15	TL		
649	1	0	0	0	1	0	x	x		x	x	L	P	2,815	12	MC		
650	1	0	0	0	1	0	x	x		x	x	L	P	2,800	8	MC		
651	8	2	0	0	2	0	x	x		36.0	0.19	L	P	2,940	6	MC		
652	29	4	0	0	25	0												
653	203	2	5	0	164	0			W							A	Dev	4,227
654	0	0	0	0	0	0	x	x		x	x	S	P	1,890	9	A		
655	26	0	1	0	23	0	x	x	W	35.8	x	S	P	2,125	15	A		
656	0	0	0	0	0	0	x	x		x	x	S	P	2,255	10	A		
657	28	0	1	0	19	0	x	x		36.0	0.14	S	P	2,290	12	A		
658	0	0	0	0	0	0	x	x		x	x	L	P	x	x	A		
659	71	0	0	0	52	0	x	x	W	35.4	0.25	S	P	2,325	10	A		
660	11	0	1	0	9	0	x	x		36.6	x	LS	P	2,400	7	A		
661	16	1	1	0	11	0	x	x		37.6	x	OL	P	2,425	10	A		
662	51	1	1	0	50	0												
663	15	4	1	0	12	0										A	Dev	4,325
664	9	3	0	0	8	0	x	x		x	x	S	P	2,490	10	AL		
665	5	1	1	0	4	0	x	x		x	x	L	P	2,590	6	AC		
666	1	0	0	0	0	0												
667	1	0	0	0	0	0	x	x		x	x	L	P	2,495	11	MC	Mis L	2,613
668	73	3	0	0	39	0			W							A	Mis L	3,246
669	0	0	0	0	0	0	x	x		x	x	S	P	2,270	8	A		
670	6	0	0	0	2	0	x	x		37.0	x	S	P	2,385	14	A		
671	38	0	0	0	23	0	x	x	W	36.0	0.30	S	P	2,500	18	A		
672	3	0	0	0	3	0	x	x		38.0	x	S	P	2,720	15	A		
673	1	0	0	0	0	0	x	x		x	x	S	P	2,850	6	A		
674	0	0	0	0	0	0	x	x		x	x	S	P	x	x	A		
675	0	0	0	0	0	0	x	x		x	x	L	P	3,045	5	A		
676	0	0	0	0	0	0	x	x		x	x	L	P	3,080	10	A		
677	21	2	0	0	9	0	x	x		37.2	0.20	L	P	3,080	8	A		
678	4	1	0	0	2	0												
679	93	3	0	0	80	0										A	Dev	3,412
680	0	0	0	0	0	0	x	x		x	x	L	P	1,525	3	A		
681	2	0	0	0	2	0	x	x		37.6	x	S	P	1,380	12	A		
682	82	2	0	0	63	0	x	x		37.6	0.16	S	P	1,535	12	A		

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
683	Irvington East, <i>Jefferson</i> Iuka, <i>Marion</i> Johnsonville Consolidated, Wayne	Devonian; Dev <sup>4</sup>		160	x	x	0	0	0			
684												
685		Pennsylvanian; Pen	1951	10	1,000	1,000	0	0	0			
686		McClosky; Mis L	1947	120	58,000	5,000	0	0	0			
687			1940	8,720	26,760,000	661,000	0	0	0			
688		Bethel; Mis U <sup>32</sup>		30	x	x	0	0	0			
689		Aux Vases; Mis U		2,300	x	x	0	0	0			
690		Lower Ohara; Mis L		600	x	x	0	0	0			
691		Rosiclare; Mis L		60	x	x	0	0	0			
692	Johnsonville North, <i>Wayne</i>	McClosky; Mis L		8,000	x	x	0	0	0			
693		<sup>4</sup>										
694			1943	40	41,000	2,000	0	0	0			
695		Lower Ohara; Mis L <sup>31</sup>		40	x	x	0	0	0			
696	Johnsonville South, <i>Wayne</i>	McClosky; Mis L <sup>31</sup>		40	x	x	0	0	0			
697		<sup>4</sup>										
698			1942	340	283,000	45,000	0	0	0			
699		Aux Vases; Mis U		180	x	x	0	0	0			
700	Johnsonville West, <i>Wayne</i> <sup>67</sup>	Rosiclare; Mis L		20	x	x	0	0	0			
701		McClosky; Mis L		160	x	x	0	0	0			
702			1942	250	274,000	72,000	0	0	0			
703		Aux Vases; Mis U		110	x	x	0	0	0			
704	Junction, <i>Gallatin</i>	Lower Ohara; Mis L		20	x	x	0	0	0			
705		McClosky; Mis L		120	x	x	0	0	0			
706			1939	170	289,000	3,000	0	0	0			
707		Pennsylvanian; Pen		30	8,000	2,000	0	0	0			
708	Junction North, <i>Gallatin</i>	Waltersburg; Mis U		130	277,000	0	0	0	0			
709		Hardinsburg; Mis U		10	4,000	1,000	0	0	0			
710			1946	40	12,000	2,000	0	0	0			
711		Pennsylvanian; Pen		30	12,000	2,000	0	0	0			
712	Keensburg East, <i>Wabash</i> <sup>68</sup>	Aux Vases; Mis U		10	0	0	0	0	0			
713			1939	120	9,000	0	0	0	0			
714		Lower Ohara; Mis L		40	x	0	0	0	0			
715		McClosky; Mis L		80	x	0	0	0	0			
716	Keensburg South, <i>Wabash</i>		1944	100	151,000	64,000	0	0	0			
717		Pennsylvanian; Pen		30	x	x	0	0	0			
718		Cypress; Mis U		40	x	x	0	0	0			
719		Lower Ohara; Mis L		40	57,000	1,000	0	0	0			
720	Keenville, <i>Wayne</i>		1945	640	878,000	115,000	0	0	0			
721		Aux Vases; Mis U		210	x	x	0	0	0			
722		Lower Ohara; Mis L		60	x	x	0	0	0			
723		Rosiclare; Mis L		20	x	x	0	0	0			
724	Keenville East, <i>Wayne</i>	McClosky; Mis L		360	x	x	0	0	0			
725		<sup>4</sup>										
726		McClosky; Mis L	1951	40	8,000	8,000	0	0	0			
727		McClosky; Mis L	1942	40	3,000	0	0	0	0			
728	Kenner, <i>Clay</i>		1942	610	741,000	42,000	0	0	0			
729		Tar Springs; Mis U		10	x	x	0	0	0			
730		Bethel; Mis U		560	x	x	0	0	0			
731		Aux Vases; Mis U <sup>32</sup>		10	x	x	0	0	0			
732	Kenner North, <i>Clay</i>	Rosiclare; Mis L		20	x	x	0	0	0			
733		McClosky; Mis L		20	x	x	0	0	0			
734		<sup>4</sup>										
735			1947	300	623,000	64,000	0	0	0			
736	Kenner South, <i>Clay</i>	Cypress; Mis U		10	x	x	0	0	0			
737		Bethel Mis U		280	x	x	0	0	0			
738		McClosky; Mis L		120	x	x	0	0	0			
739		McClosky; Mis L	1950	20	3,000	1,000	0	0	0			
740	Kenner West, <i>Clay</i>		1947	310	1,089,000	127,000	0	0	0			
741		Cypress; Mis U		310	x	x	0	0	0			
742		Bethel; Mis U		200	x	x	0	0	0			
743		McClosky; Mis L <sup>31</sup>		40	x	x	0	0	0			
744	Keyesport, <i>Clinton</i>	<sup>4</sup>										
745		Bethel; Mis U	1949	120	24,000	9,000	0	0	0			
746			1942	760	1,330,000	75,000	0	0	0			
747		Aux Vases; Mis U		640	x	x	0	0	0			
748	King, <i>Jefferson</i>	Lower Ohara; Mis L			x	x	0	0	0			
749		Rosiclare; Mis L		300	x	x	0	0	0			
750		McClosky; Mis L			x	x	0	0	0			
751		<sup>4</sup>										
752	Kinmundy, <i>Marion</i>	Bethel; Mis U	1950	10	4,000	2,000	0	0	0			



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL		GAS	INITIAL	AVG./END 1951		GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
683	7	0	0	0	8	0	x	x		39.0	0.27	L	C	3,090	12	A		
684	2	1	0	0	7	0												
685	1	1	0	0	1	0	x	x		x	x	S	P	1,030	15	X	Pen	1,156
686	3	0	0	0	1	0	x	x		x	x	L	P	2,875	6	MC	Mis L	2,911
687	379	1	7	0	317	0										A	Dev	5,198
688	0	0	0	0	0	0	x	x		x	x	S	P	2,950	12	AL		
689	71	0	0	0	73	0	x	x		39.4	0.14	S	P	3,020	20	AL		
690	6	0	0	0	2	0	x	x		x	x	OL	P	3,120	10	AL		
691	3	0	0	0	3	0	x	x		38.0	x	OL	P	3,150	8	AL		
692	263	1	7	0	171	0	x	x		38.0	0.17	OL	P	3,170	15	AL		
693	36	0	0	0	68	0												
694	1	0	0	0	1	0										A	Mis L	3,324
695	0	0	0	0	0	0	x	x		37.6	0.17	OL	P	3,190	3	AC		
696	0	0	0	0	0	0	x	x		37.6	0.17	OL	P	3,250	3	AC		
697	1	0	0	0	1	0												
698	21	1	1	0	14	0										A	Mis L	3,291
699	15	0	0	0	10	0	x	x		39.0	x	S	P	3,060	15	A		
700	1	1	0	0	1	0	x	x		x	x	L	P	3,160	4	AC		
701	5	0	1	0	3	0	x	x		37.7	x	L	P	3,200	5	AC		
702	18	4	2	0	13	0										M	Mis L	3,251
703	11	4	2	0	11	0	x	x		x	x	S	P	2,900	12	ML		
704	1	0	0	0	0	0	x	x		x	x	L	P	2,930	6	MC		
705	6	0	0	0	2	0	x	x		x	x	L	P	3,100	6	MC		
706	18	0	0	0	2	0										M	Mis L	2,795
707	3	0	0	0	1	0	x	x		x	x	S	P	1,150	7	ML		
708	14	0	0	0	0	0	x	x		37.2	0.22	S	P	1,770	20	ML		
709	1	0	0	0	1	0	x	x		x	x	S	P	2,120	5	ML		
710	4	0	0	0	2	0										M	Mis L	2,929
711	3	0	0	0	2	0	x	x		x	x	S	P	1,565	16	ML		
712	1	0	0	0	0	0	x	x		x	x	S	P	2,725	10	ML		
713	3	0	0	0	0	0										M	Mis L	2,802
714	1	0	0	0	0	0	x	x		x	x	L	P	2,705	10	MC		
715	2	0	0	0	0	0	x	x		37.6	0.26	L	P	2,710	6	MC		
716	8	5	0	0	7	0										A	Mis L	2,879
717	3	1	0	0	2	0	x	x		x	x	S	P	1,150	15	AL		
718	4	4	0	0	4	0	x	x		x	x	S	P	2,385	11	AL		
719	1	0	0	0	1	0	x	x		x	x	L	P	2,715	10	AC		
720	45	10	0	0	41	0										A	Mis L	3,267
721	20	9	0	0	17	0	x	x		37.0	x	S	P	2,960	20	AL		
722	2	0	0	0	2	0	x	x		x	x	L	P	3,050	8	AC		
723	1	1	0	0	1	0	x	x		x	x	L	P	3,060	10	AC		
724	20	0	0	0	20	0	x	x		36.0	x	L	P	3,100	7	AC		
725	2	0	0	0	1	0												
726	2	2	0	0	2	0	x	x		x	x	L	P	3,140	10	X	Mis L	3,210
727	1	0	0	0	0	0	x	x		36.6	0.26	L	P	2,625	6	A	Mis L	2,720
728	44	0	0	0	39	0										A	Mis L	3,082
729	1	0	0	0	0	0	x	x		x	x	S	P	2,200	7	AL		
730	40	0	0	0	39	0	x	x		38.0	0.22	S	P	2,690	10	A		
731	0	0	0	0	0	0	x	x		x	x	S	P	2,835	9	AL		
732	1	0	0	0	0	0	x	x		x	x	LS	P	2,875	5	AC		
733	1	0	0	0	0	0	x	x		x	x	L	P	2,930	7	AC		
734	1	0	0	0	0	0												
735	32	0	0	0	28	0										A	Mis L	3,076
736	0	0	0	0	1	0	x	x		x	x	S	P	x	x	AL		
737	27	0	0	0	23	0	x	x		36.0	x	S	P	2,755	8	A		
738	5	0	0	0	4	0	x	x		36.0	x	L	P	2,970	6	AC		
739	1	0	0	0	0	0	x	x		37.2	x	L	P	2,870	10	AC	Mis L	3,000
740	30	0	0	0	30	0										A	Dev	4,800
741	14	0	0	0	14	0	x	x		36.0	x	S	P	2,570	16	A		
742	2	0	0	0	2	0	x	x		38.0	x	S	P	2,705	9	A		
743	0	0	0	0	0	0	x	x		38.0	x	L	P	2,870	4	AC		
744	14	0	0	0	14	0												
745	11	0	1	0	10	0	x	x			x	S	P	1,180	8	AL	Mis L	1,358
746	38	1	0	0	32	0										A	Dev	4,760
747	27	0	0	0	22	0	x	x		38.6	0.17	S	P	2,725	15	AL		
748	1	0	0	0	0	0	x	x		x	x	L	P	2,765	10	AC		
749	4	1	0	0	2	0	x	x		39.6	0.16	LS	P	2,815	10	AC		
750	1	0	0	0	0	0	x	x		x	x	L	P	2,840	5	AC		
751	5	0	0	0	8	0												
752	1	0	0	0	1	0	x	x		34.0	x	S	P	1,910	3	A	Mis L	2,389

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
753	Laclede, Fayette <sup>70</sup>	Bethel; Mis U	1943	50	10,000	1,000	0	0	0			
754	Lakewood, Shelby		1941	130	170,000	19,000	0	0	0			
755		Bethel; Mis U		80	x	x	0	0	0			
756		Aux Vases; Mis U		50	x	x	0	0	0			
757	Lancaster, Wabash-Laurence		1940	1,400	2,449,000	74,000	0	0	0			
758		Paint Creek; Mis U			x	x	0	0	0			
759		Bethel; Mis U		890	x	x	0	0	0			
760		Lower Ohara; Mis L		40	x	x	0	0	0			
761		McClosky; Mis L		500	x	x	0	0	0			
762		4										
763	Lancaster Central, Wabash		1946	300	323,000	11,000	0	0	0			
764		Lower Ohara; Mis L		100	x	x	0	0	0			
765		Rosiclare; Mis L		260	x	x	0	0	0			
766		McClosky; Mis L <sup>32</sup>		20	x	x	0	0	0			
767		4										
768	Lancaster East, Wabash		1944	50	24,000	3,000	0	0	0			
769		Biehl; Pen		30	6,000	1,000	0	0	0			
770		Rosiclare; Mis L		20	18,000	2,000	0	0	0			
771	Lancaster North, Lawrence	Bethel; Mis U	1948	10	1,000	0	0	0	0			
772	Lancaster South, Wabash		1946	90	78,000	24,000	0	0	0			
773		Bethel; Mis U		50	62,000	24,000	0	0	0			
774		Lower Ohara; Mis L		20	0	0	0	0	0			
775		McClosky; Mis L		20	16,000	0	0	0	0			
776	Lexington, Wabash	McClosky; Mis L	1947	200	321,000	13,000	0	0	0			
777	Lexington North, Wabash	Lower Ohara; Mis L	1951	20	1,000	1,000	0	0	0			
778	Lillyville, Cumberland-Effingham		1946	160	266,000	21,000	0	0	0			
779	Livingston, Madison	Pennsylvanian; Pen	1948	340	157,000	34,000	0	0	0			
780	Livingston East (Gas), Madison	Pennsylvanian; Pen	1951	0	0	0	40	0	0			
781	Livingston South, Madison	Pennsylvanian; Pen	1950	150	28,000	19,000	0	0	0			
782	Locust Grove, Wayne		1951	80	40,000	40,000	0	0	0			
783		Aux Vases; Mis U		40	x	x	0	0	0			
784		Lower Ohara; Mis L		40	x	x	0	0	0			
785		McClosky; Mis L <sup>31</sup>		20	x	x	0	0	0			
786		4										
787	Long Branch, Saline-Hamilton		1950	60	43,000	18,000	0	0	0			
788		Palestine; Mis U		20	26,000	11,000	0	0	0			
789		Cypress; Mis U		20	3,000	3,000	0	0	0			
790		McClosky; Mis L		20	14,000	4,000	0	0	0			
791	Louden, Fayette-Effingham		1937	23,160	163,818,000	6,101,000	800	x	140.4			
792		Burtschi; Pen		0	0	0	320	x	27.7			
793		Tar Springs; Mis U		0	0	0	480	112.7	112.7			
794		Cypress; Mis U		23,000	x	x	0	0	0			
795		Paint Creek; Mis U			x	x	0	0	0			
796		Bethel; Mis U		13,000	x	x	0	0	0			
797		Aux Vases; Mis U		500	x	x	0	0	0			
798		Devonian; Dev		3,000	13,916,000	730,000	0	0	0			
799		4										
800	Lynchburg, Jefferson	McClosky; Mis L	1951	20	8,000	8,000	0	0	0			
801	McKinley, Washington		1940	320	380,000	17,000	0	0	0			
802		Bethel; Mis U		70	200,000	1,000	0	0	0			
803		Silurian; Sil		300	180,000	16,000	0	0	0			
804	Maple Grove, Edwards		1943	1,160	1,450,000	59,000	0	0	0			
805		Lower Ohara; Mis L		20	26,000	13,000	0	0	0			
806		McClosky; Mis L		1,140	1,424,000	46,000	0	0	0			
807	Maple Grove East, Edwards <sup>71</sup>		1944	380	144,000	56,000	0	0	0			
808		Waltersburg; Mis U		40	15,000	13,000	0	0	0			
809		Lower Ohara; Mis L		20	4,000	2,000	0	0	0			
810		Rosiclare; Mis L		120	x	x	0	0	0			
811		McClosky; Mis L		200	x	x	0	0	0			
812	Maple Grove South, Edwards <sup>72</sup>	McClosky; Mis L	1945	20	9,000	0	0	0	0			
813	Marcoe, Jefferson <sup>73</sup>	McClosky; Mis L	1938	20	13,000	0	0	0	0			
814	Marine, Madison	Silurian; Sil	1940	3,100	7,328,000	788,000	0	0	0			
815	Marion, Williamson	Aux Vases; Mis U	1950	10	500	0	0	0	0			
816	Markham City, Jefferson	Ste. Genevieve; Mis L	1942	760	1,111,000	29,000	0	0	0			
817	Markham City North, Jefferson		1943	500	818,000	28,000	0	0	0			
818	Wayne	Aux Vases; Mis U		30	x	x	0	0	0			
819		McClosky; Mis L		500	x	x	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL		GAS	INITIAL	AVG./END 1951		GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
753	3	0	0	0	2	0	x	x		35.6	0.18	S	P	2,335	15	A	Mis L	2,608
754	12	0	0	0	11	0										A	Mis L	1,794
755	7	0	0	0	7	0	x	x		38.0	x	S	P	1,690	7	AL		
756	5	0	0	0	4	0	x	x		31.7	0.23	S	P	1,720	8	AL		
757	100	0	1	0	62	0										A	Mis L	2,908
758	1	0	0	0	2	0	x	x		x	x	S	P	2,530	5	AL		
759	67	0	1	0	54	0	x	x		39.0	x	S	P	2,540	14	AL		
760	1	0	0	0	0	0	x	x		x	x	L	P	2,670	10	AC		
761	30	0	0	0	5	0	x	x		39.8	0.28	L	P	2,690	7	AC		
762	1	0	0	0	1	0												
763	14	1	3	0	5	0										M	Mis L	2,888
764	2	0	0	0	0	0	x	x		x	x	L	P	2,750	7	MC		
765	8	0	3	0	4	0	x	x		x	x	LS	P	2,810	7	MC		
766	0	0	0	0	0	0	x	x		x	x	L	P	2,815	8	MC		
767	4	1	0	0	1	0												
768	4	0	0	0	4	0										M	Mis L	2,750
769	3	0	0	0	3	0	x	x		x	x	S	P	1,745	10	ML		
770	1	0	0	0	1	0	x	x		x	x	L	P	2,660	6	MC		
771	1	0	0	0	0	0	x	x		x	x	S	P	2,295	10	X	Mis L	2,534
772	7	1	1	0	5	0										M	Mis L	2,817
773	5	0	0	0	5	0	x	x		32.0	x	S	P	2,520	6	ML		
774	1	1	1	0	0	0	x	x		x	x	L	P	2,670	6	MC		
775	1	0	0	0	0	0	x	x		x	x	L	P	2,720	12	MC		
776	10	0	3	0	6	0	x	x		x	x	L	P	2,970	8	MC	Mis L	3,031
777	1	1	0	0	1	0	x	x		x	x	L	P	2,930	5	MC	Mis L	3,045
778	8	0	0	0	8	0	x	x		35.5	x	L	P	2,425	10	A	Dev	4,000
779																		
779	37	5	2	0	31	0	x	x		36.3	x	S	P	535	15	ML	Ord	2,378
780	1	1	0	0	0	0	x	x				S	P	540	12	X	Pen	.555
781																		
781	14	9	1	0	13	0	x	x		x	x	S	P	530	7	ML	Mis	845
782	6	6	0	0	6	0										X	Mis L	3,420
783	4	4	0	0	4	0	x	x		x	x	S	P	3,215	10	X		
784	1	1	0	0	1	0	x	x		x	x	L	P	3,240	4	X		
785	0	0	0	0	0	0	x	x		x	x	L	P	3,280	6	X		
786	1	1	0	0	1	0												
787	5	2	0	0	5	0										A	Mis L	3,367
788	2	0	0	0	2	0	x	x		x	x	S	P	2,070	8	AL		
789	2	2	0	0	2	0	x	x		x	x	S	P	2,745	13	AL		
790	1	0	0	0	1	0	x	x		x	x	L	P	3,190	5	AC		
791	2,155	19	8	3	1,987	3			P,G,W							A	St. Peter	4,680
792	6	0	1	0	0	0	x	x				S	P	1,000	20	AL		
793	3	3	0	0	0	3	x	x				S	P	1,170	2	AL		
794	954	16	6	0	866	0	x	x	G,W	36.0	0.25	S	P	1,495	15	A		
795	171	0	0	0	109	0	x	x	G	37.8	0.24	S	P	1,540	15	A		
796	649	0	1	0	285	0	x	x	G	38.5	0.20	S	P	1,550	10	A		
797	0	0	0	0	2	0	x	x		37.0	0.17	S	P	1,630	9	A		
798	85	0	0	3	73	0	1,350	x	P	28.5	0.48	L	C	3,000	15	A		
799	287	0	0	0	652	0												
800	1	1	0	0	1	0	x	x		x	x	L	P	3,050	10	X	Mis L	3,162
801	17	0	3	0	7	0										R	Ord	3,983
802	7	0	2	0	2	0	x	x		44.1	0.18	S	P	1,000	5	A		
803	10	0	1	0	5	0	x	x		42.8	x	L	C	2,240	40	R		
804	39	0	0	0	26	0										A	Mis L	3,375
805	1	0	0	0	1	0	x	x		x	x	L	P	3,230	3	A		
806	38	0	0	0	25	0	x	x		37.0	x	L	P	3,275	6	A		
807	21	4	1	0	15	0										M	Mis L	3,323
808	4	3	0	0	4	0	x	x		x	x	S	P	2,430	10	ML		
809	1	0	0	0	1	0	x	x		x	x	L	P	3,195	15	MC		
810	6	0	0	0	5	0	x	x		x	x	L	P	3,210	5	MC		
811	10	1	1	0	5	0	x	x		x	x	L	P	3,230	5	MC		
812	1	0	0	0	0	0	x	x		x	x	L	P	3,250	10	MC	Mis L	3,358
813	2	0	0	0	0	0	x	x		23.2	0.54	L	P	2,745	15	MC	Mis L	3,066
814	145	3	2	0	135	0	x	x		34.0	0.28	L	P	1,740	5	R	Ord	2,619
815	1	0	0	0	0	0	x	x		40.0	x	S	P	2,385	5	X	Mis L	2,560
816	19	0	0	0	11	0	x	x		38.2	0.08	L	P	3,070	10	A	Mis L	3,215
817	16	0	2	0	9	0										A	Mis L	3,169
818	2	0	0	0	2	0	x	x		x	x	S	P	2,950	6	AL		
819	14	0	2	0	7	0	x	x		37.8	0.24	L	P	3,075	8	AC		



TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
820	Markham City West, Jefferson		1945	600	1,266,000	86,000	0	0	0			
821		Aux Vases; Mis U		320	x	x	0	0	0			
822		McClosky; Mis L		360	x	x	0	0	0			
823		4										
824	Mason, Effingham		1940	120	202,000	8,000	0	0	0			
825		Bethel; Mis U		10	x	x	0	0	0			
826		McClosky; Mis L		110	x	x	0	0	0			
827	Mason, North, Effingham		1951	110	23,000	23,000	0	0	0			
828		Bethel; Mis U		70	x	x	0	0	0			
829		Aux Vases; Mis U <sup>32</sup>		10	x	x	0	0	0			
830		Rosiclare; Mis L		40	x	x	0	0	0			
831		4										
832	Massilon, Wayne - Edwards	Lower Ohara; Mis L	1946	120	89,000	3,000	0	0	0			
833	Massilon South, Edwards <sup>74</sup>	Lower Ohara; Mis L	1947	20	500	0	0	0	0			
834	Mattoon, Coles <sup>75</sup>		1938	5,100	9,970,000	464,000	0	0	0			
835		Cypress; Mis U		2,200	x	x	0	0	0			
836		Aux Vases; Mis U		180	x	x	0	0	0			
837		Rosiclare; Mis L		3,700	x	x	0	0	0			
838		McClosky; Mis L		20	x	x	0	0	0			
839		4										
840	Maunie East, White	McClosky; Mis L	1951	20	2,000	2,000	0	0	0			
841	Maunie North, White		1941	800	745,000	142,000	0	0	0			
842		Pennsylvanian; Pen		10	x	x	0	0	0			
843		Tar Springs; Mis U		50	x	x	0	0	0			
844		Paint Creek; Mis U		20	x	x	0	0	0			
845		Bethel; Mis U		340	x	x	0	0	0			
846		Aux Vases; Mis U		80	x	x	0	0	0			
847		Lower Ohara; Mis L			x	x	0	0	0			
848		Rosiclare; Mis L		400	x	x	0	0	0			
849		McClosky; Mis L			x	x	0	0	0			
850		4										
851	Maunie South, White		1941	1,360	3,442,000	268,000	0	0	0			
852		Bridgeport; Pen		80	x	x	0	0	0			
853		Degonia; Mis U		70	x	x	0	0	0			
854		Palestine; Mis U		480	x	x	0	0	0			
855		Waltersburg; Mis U		20	x	x	0	0	0			
856		Tar Springs; Mis U		430	x	x	0	0	0			
857		Cypress; Mis U		240	x	x	0	0	0			
858		Bethel; Mis U <sup>32</sup>		10	x	x	0	0	0			
859		Aux Vases; Mis U		100	x	x	0	0	0			
860		Rosiclare; Mis L <sup>32</sup>		20	x	x	0	0	0			
861		McClosky; Mis L		40	x	x	0	0	0			
862		4										
863	Maunie West, White <sup>76</sup>		1945	40	5,000	2,000	0	0	0			
864		Bethel; Mis U <sup>32</sup>		10	x	x	0	0	0			
865		Aux Vases; Mis U		20	x	x	0	0	0			
866		McClosky; Mis L		20	500	0	0	0	0			
867		4										
868	Mayberry, Wayne	McClosky; Mis L	1941	240	295,000	5,000	0	0	0			
869	Mayberry North, Wayne <sup>77</sup>	McClosky; Mis L	1948	20	1,000	0	0	0	0			
870	Merriam, Wayne	McClosky; Mis L	1949	20	7,000	2,000	0	0	0			
871	Miletus, Marion		1947	200	157,000	23,000	0	0	0			
872		Bethel; Mis U		80	x	x	0	0	0			
873		Aux Vases; Mis U		100	x	x	0	0	0			
874		McClosky; Mis L		60	x	x	0	0	0			
875		4										
876	Mill Shoals, White - Hamilton Wayne		1939	2,400	6,198,000	286,000	0	0	0			
877		Aux Vases; Mis U		2,200	x	x	0	0	0			
878		Lower Ohara; Mis L			x	x	0	0	0			
879		Rosiclare; Mis L		800	x	x	0	0	0			
880		McClosky; Mis L			x	x	0	0	0			
881		4										
882	Mills Prairie, Edwards	Lower Ohara; Mis L	1948	20	2,000	0	0	0	0			
883	Mitchell, Edwards - Wayne		1949	160	88,000	59,000	0	0	0			
884		Lower Ohara; Mis L			x	x	0	0	0			
885		Rosiclare; Mis L		160	32,000	32,000	0	0	0			
886		McClosky; Mis L			x	x	0	0	0			
887		4										
888	Mt. Auburn, Christian	Silurian; Sil	1943	160	36,000	3,000	0	0	0			
889	Mt. Carmel, Wabash <sup>78</sup>		1940	4,200	8,857,000	308,000	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC. 1951			RESERVOIR <sup>1</sup> PRESSURE psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
820	34	2	1	0	32	0									A	Mis L	3,182	
821	16	0	1	0	14	0	x	x		38.0	x	S	P	2,905	15	AL		
822	15	2	0	0	7	0	x	x		38.0	x	L	P	3,035	7	AC		
823	3	0	0	0	11	0												
824	11	2	0	0	3	0									A	Mis L	2,584	
825	1	1	0	0	1	0	x	x		x	x	S	P	2,295	8	AL		
826	10	1	0	0	2	0	x	x		38.4	0.21	L	P	2,500	6	AC		
827	9	9	0	0	7	0									x	Mis L	2,553	
828	6	6	0	0	5	0	x	x		x	x	S	P	2,290	13	x		
829	0	0	0	0	0	0	x	x		x	x	S	P	2,355	5	x		
830	2	2	0	0	2	0	x	x		x	x	L	P	2,370	18	x		
831	1	1	0	0	0	0												
832	3	0	1	0	2	0	x	x		37.0	x	L	P	3,255	6	MC	Mis L	3,472
833	1	0	0	0	0	0	x	x		x	x	L	P	3,315	9	MC	Mis L	3,391
834	420	1	11	0	375	0			W						A	St. Peter	4,915	
835	94	0	0	0	82	0	x	x		38.0	0.16	S	P	1,835	15	A		
836	13	1	0	0	6	0	x	x		38.0	x	S	P	1,900	15	A		
837	210	0	8	0	193	0	x	x	W	38.0	0.21	S	P	2,000	12	A		
838	1	0	0	0	1	0	x	x		38.0	x	L	P	2,010	5	A		
839	102	0	3	0	93	0												
840	1	1	0	0	1	0	x	x		x	x	L	P	2,870	7	AF	Mis L	3,032
841	52	6	3	0	44	0									A	Mis L	3,260	
842	1	0	0	0	0	0	x	x		x	x	S	P	1,320	20	AL		
843	5	0	0	0	5	0	x	x		x	x	S	P	2,350	10	AL		
844	2	0	0	0	2	0	x	x		x	x	S	P	2,830	13	AL		
845	19	0	0	0	19	0	x	x		36.5	x	S	P	2,820	13	AL		
846	4	1	0	0	4	0	x	x		x	x	S	P	2,930	13	AL		
847	1	1	0	0	6	0	x	x		x	x	L	P	2,995	4	AC		
848	5	3	0	0	4	0	x	x		x	x	L	P	3,025	6	AC		
849	9	0	3	0	2	0	x	x		x	x	L	P	3,035	10	AC		
850	6	1	0	0	2	0												
851	124	6	2	0	102	0			W						A	Mis L	3,091	
852	6	0	0	0	4	0	x	x		37.0	x	S	P	1,400	7	AL		
853	6	1	0	0	3	0	x	x		x	x	S	P	1,900	10	AL		
854	37	1	0	0	30	0	x	x		38.0	x	S	P	2,010	17	AL		
855	2	0	0	0	1	0	x	x		x	x	S	P	2,210	19	AL		
856	36	3	0	0	29	0	x	x	W	38.0	x	S	P	2,240	16	AL		
857	20	1	0	0	18	0	x	x		39.0	x	S	P	2,590	10	AL		
858	0	0	0	0	0	0	x	x		x	x	S	P	2,735	x	AL		
859	8	0	0	0	7	0	x	x		x	x	S	P	2,845	12	AL		
860	0	0	0	0	0	0	x	x		x	x	L	P	2,900	8	AC		
861	1	0	0	0	2	0	x	x		x	x	L	P	2,920	6	AC		
862	8	0	2	0	8	0												
863	3	1	1	0	1	0										M	Mis L	3,152
864	0	0	0	0	0	0	x	x		x	x	S	P	2,820	15	ML		
865	1	1	0	0	0	1	x	x		x	x	S	P	2,950	17	ML		
866	1	0	0	0	0	0	x	x		x	x	L	P	3,040	3	MC		
867	1	0	1	0	0	0												
868	7	0	0	0	3	0	x	x		38.6	0.16	L	P	3,350	8	AC	Dev	5,377
869	1	0	0	0	0	0	x	x		x	x	L	P	3,330	2	x	Mis L	3,463
870	1	0	0	0	1	0	x	x		x	x	L	P	3,370	5	x	Mis L	3,410
871	14	0	0	0	12	0									A	Dev	3,950	
872	5	0	0	0	4	0	x	x		35.6	x	S	P	2,140	7	A		
873	5	0	0	0	3	0	x	x		35.6	x	S	P	2,200	7	A		
874	1	0	0	0	1	0	x	x		35.6	x	L	P	2,350	5	A		
875	3	0	0	0	4	0												
876	183	0	3	0	143	0									A	Mis L	4,311	
877	144	0	2	0	110	0	x	x		39.8	0.14	S	P	3,220	16	A		
878	2	0	0	0	2	0	x	x		x	x	OL	P	3,320	11	AC		
879	5	0	0	0	4	0	x	x		x	x	LS	P	3,345	8	AC		
880	25	0	1	0	21	0	x	x		38.0	x	OL	P	3,375	5	AC		
881	7	0	0	0	6	0												
882	1	0	0	0	0	0	x	x		x	x	L	P	2,925	5	MC	Mis L	3,010
883	7	5	0	0	7	0									H	Mis L	3,400	
884	0	0	0	0	1	0	x	x		x	x	L	P	3,280	7	HC		
885	1	1	0	0	1	0	x	x		x	x	L	P	3,300	12	HC		
886	5	3	0	0	4	0	x	x		x	x	L	P	3,310	4	HC		
887	1	1	0	0	1	0												
888	4	0	0	0	2	0	x	x		36.6	0.28	L	P	1,890	5	MU	Sil	2,000
889	408	1	9	0	294	0			W						A	Dev	4,237	

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>		
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951	
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951				
890		Bridgeport; Pen		100	x	x	0	0	0				
891		Biehl; Pen		600	x	x	0	0	0				
892		Jordan; Pen		40	x	x	0	0	0				
893		Palestine; Mis U		30	x	x	0	0	0				
894		Waltersburg; Mis U <sup>31</sup>		10	x	x	0	0	0				
895		Tar Springs; Mis U		220	x	x	0	0	0				
896		Jackson; Mis U <sup>32</sup>		10	x	x	0	0	0				
897		Cypress; Mis U		3,300	x	x	0	0	0				
898		Bethel; Mis U		80	x	x	0	0	0				
899		Lower Ohara; Mis L	}		x	x	0	0	0				
900		Rosiclare; Mis L			x	x	0	0	0				
901		McClosky; Mis L			x	x	0	0	0				
902													
903	Mt. Erie North , Wayne		1944	120	211,000	50,000	0	0	0				
904		Aux Vases; Mis U		20	x	x	0	0	0				
905		Lower Ohara; Mis L		20	x	x	0	0	0				
906		McClosky; Mis L		80	x	x	0	0	0				
907	Mt. Olive, Montgomery	Pottsville; Pen	1942	80	x	x	0	0	0				
908	Mt. Vernon, Jefferson		1943	190	241,000	19,000	0	0	0				
909		Aux Vases; Mis U		30	x	2,000	0	0	0				
910		Lower Ohara; Mis L <sup>32</sup>		20	x	0	0	0	0				
911		McClosky; Mis L		160	x	17,000	0	0	0				
912													
913	Nason, Jefferson	Rosiclare; Mis L	1943	20	14,000	1,000	0	0	0				
914	New Bellair, Crawford <sup>79</sup>	Pennsylvanian; Pen	1942	20	10,000	0	0	0	0				
915	New Harmony Consolidated, White - <sup>78,80</sup>		1939	21,000	66,673,000	3,533,000	0	0	0				
916	Wabash - Edwards	Jamestown; Pen	}		x	x	0	0	0				
917		Mansfield; Pen <sup>32</sup>			x	x	0	0	0				
918		Bridgeport; Pen			x	x	0	0	0				
919		Biehl; Pen			x	x	0	0	0				
920		Jordan; Pen <sup>31</sup>	}		x	x	0	0	0				
921		Degonia; Mis U			x	x	0	0	0				
922		Clore; Mis U			150	x	x	0	0	0			
923		Palestine; Mis U			220	x	x	0	0	0			
924		Waltersburg; Mis U		680	x	x	0	0	0				
925		Tar Springs; Mis U		800	x	x	0	0	0				
926		Cypress; Mis U		7,100	x	x	0	0	0				
927		Paint Creek; Mis U	}		x	x	0	0	0				
928		Bethel; Mis U			7,400	x	x	0	0	0			
929		Aux Vases; Mis U			5,200	x	x	0	0	0			
930		Lower Ohara; Mis L				x	x	0	0	0			
931		Rosiclare; Mis L	}	5,000	x	x	0	0	0				
932		McClosky; Mis L			x	x	0	0	0				
933													
934	New Harmony South, White			1941	90	67,000	3,000	0	0	0			
935		Waltersburg; Mis U		10	x	3,000	0	0	0				
936		Tar Springs; Mis U		10	x	0	0	0	0				
937		Cypress; Mis U		10	0	0	0	0	0				
938		Bethel; Mis U		10	x	0	0	0	0				
939		Aux Vases; Mis U		10	2,000	0	0	0	0				
940		McClosky; Mis L		40	x	0	0	0	0				
941													
942	New Harmony South (Indiana), White <sup>78</sup>		1946	60	338,000	32,000	0	0	0				
943		Degonia; Mis U <sup>31</sup>		20	x	x	0	0	0				
944		Palestine; Mis U		30	x	x	0	0	0				
945		Waltersburg; Mis U		30	x	x	0	0	0				
946													
947	New Haven Consolidated, White <sup>78</sup>		1941	380	735,000	35,000	0	0	0				
948		Tar Springs; Mis U		130	x	x	0	0	0				
949		Hardinsburg; Mis U		10	x	x	0	0	0				
950		Cypress; Mis U		200	x	x	0	0	0				
951		Aux Vases; Mis U		70	x	x	0	0	0				
952		McClosky; Mis L		100	x	x	0	0	0				
953													
954	Newton, Jasper	Ste. Genevieve; Mis L	1944	80	66,000	2,000	0	0	0				
955	Newton North, Jasper <sup>81</sup>	McClosky; Mis L	1945	20	7,000	0	0	0	0				
956	Newton West, Jasper <sup>82</sup>	McClosky; Mis L	1947	20	300	0	0	0	0				
957	Noble West, Clay	Rosiclare; Mis L	1951	20	1,000	1,000	0	0	0				



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC. 1951			RESERVOIR 1 PRESSURE <sup>1</sup> psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER <sup>h</sup> OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
890	4	0	0	0	3	0	x	x	W	34.0	x	S	P	1,370	20	AL		
891	45	0	1	0	33	0	x	x		36.6	0.28	S	P	1,470	20	AL		
892	2	0	0	0	1	0	x	x		x	x	S	P	1,520	15	AL		
893	3	0	0	0	2	0	x	x		x	x	S	P	1,580	10	AL		
894	0	0	0	0	0	0	x	x		36.0	x	S	P	1,690	10	AL		
895	10	0	0	0	7	0	x	x		36.0	x	S	P	1,790	13	AL		
896	0	0	0	0	0	0	x	x		x	x	S	P	2,020	25	AL		
897	245	1	5	0	172	0	550	x		36.1	0.17	S	P	2,025	15	AL		
898	3	0	0	0	2	0	x	x		36.1	x	S	P	2,110	16	AL		
899	7	0	0	0	7	0	x	x		36.0	x	OL	P	2,320	5	AC		
900	5	0	0	0	2	0	x	x	36.6	0.26	S	P	2,350	5	AC			
901	43	0	2	0	25	0	x	x	37.0	0.42	OL	P	2,360	6	AC			
902	41	0	1	0	40	0			G							M	Mis L	3,354
903	7	0	0	0	3	0				x	x	S	P	3,110	8	ML		
904	2	0	0	0	1	0	x	x		x	x	L	P	3,170	6	MC		
905	1	0	0	0	1	0	x	x		37.0	x	L	P	3,240	5	MC		
906	4	0	0	0	1	0	x	x		33.2	0.16	S	P	605	6	A		
907	7	0	0	0	0	0	x	x								A		
908	7	0	0	0	3	0				x	x	S	P	2,665	8	AL		
909	3	0	0	0	1	0	x	x		x	x	L	P	2,750	6	AC		
910	0	0	0	0	0	0	x	x		39.2	0.18	L	P	2,800	7	AC		
911	3	0	0	0	2	0	x	x										
912	1	0	0	0	0	0			x	x	S	P	2,790	12	MC	Mis L	2,925	
913	1	0	0	0	1	0	x	x	29.3	0.30	S	P	1,165	10	ML	Dev	2,760	
914	2	0	0	0	0	0	x	x	G,W							A	Mis L	3,220
915	1,798	65	31	0	1,415	0				31.9	x	S	P	720	13	AL		
916	2	0	0	0	1	0	x	x		x	x	S	P	x	x	AL		
917	0	0	0	0	0	0	x	x		x	x	S	P			AL		
918	2	0	0	0	1	0	x	x		x	x	S	P	1,340	7	AL		
919	65	8	1	0	46	0	x	x		36.6	x	S	P	1,850	20	AL		
920	0	0	0	0	0	0	x	x		x	x	S	P	1,760	x	AL		
921	4	0	0	0	2	0	x	x		37.5	x	S	P	1,925	10	AL		
922	3	0	0	0	1	0	x	x		x	x	S	P	1,980	10	AL		
923	16	0	0	0	9	0	x	x		x	x	S	P	2,000	10	AL		
924	30	2	0	0	27	0	x	x	34.0	0.40	S	P	2,155	20	AL			
925	58	3	5	0	45	0	x	x	G	34.5	0.19	S	P	2,215	16	AL		
926	470	11	8	0	264	0	x	x	G,W	34.8	x	S	P	2,570	20	AL		
927	18	0	0	0	12	0	x	x	x	x	S	P	2,660	20	AL			
928	416	21	5	0	378	0	550	x	G,W	34.0	0.24	S	P	2,700	27	AL		
929	251	15	5	0	197	0	x	x	G,W	34.2	0.19	S	P	2,825	15	AL		
930	21	0	0	0	12	0	x	x		x	x	OL	P	2,900	6	AC		
931	13	0	0	0	8	0	x	x		x	x	LS	P	2,910	10	AC		
932	152	3	3	0	61	0	x	x	W	35.0	0.33	OL	P	2,925	8	AC		
933	277	2	4	0	351	0												
934	7	1	0	0	1	0										MF	Mis L	3,207
935	1	0	0	0	1	0	x	x		x	x	S	P	2,250	18	MF		
936	1	0	0	0	0	0	x	x		x	x	S	P	2,350	16	MF		
937	1	1	0	0	0	0	x	x		x	x	S	P	2,670	8	MF		
938	1	0	0	0	0	0	x	x		x	x	S	P	2,815	10	MF		
939	1	0	0	0	0	0	x	x		x	x	S	P	3,005	7	MF		
940	1	0	0	0	0	0	x	x		x	x	L	P	3,010	5	MF		
941	1	0	0	0	0	0												
942	6	0	0	0	6	0										MF	Mis L	3,068
943	0	0	0	0	0	0	x	x		x	x	S	P	1,850	8	MF		
944	1	0	0	0	1	0	x	x		x	x	S	P	1,955	10	MF		
945	3	0	0	0	3	0	x	x		x	x	S	P	2,120	30	MF		
946	2	0	0	0	2	0												
947	29	2	0	0	27	0										A	Mis L	2,980
948	8	2	0	0	10	0	x	x		36.4	0.27	S	P	2,105	12	Af		
949	1	0	0	0	1	0	x	x		36.0	x	S	P	2,245	8	Af		
950	10	0	0	0	9	0	x	x		36.0	x	S	P	2,445	12	Af		
951	4	0	0	0	1	0	x	x		36.0	x	S	P	2,720	15	Af		
952	1	0	0	0	4	0	x	x		36.0	x	OL	P	2,820	6	AC		
953	5	0	0	0	2	0												
954	4	0	0	0	2	0	x	x		x	x	L	P	2,950	6	MC	Mis L	3,040
955	1	0	0	0	0	0	x	x		x	x	L	P	2,855	5	MC	Mis L	2,889
956	1	0	0	0	0	0	x	x		x	x	L	P	2,990	7	MC	Mis L	3,120
957	1	1	0	0	1	0	x	x		x	x	L	P	3,035	8	x	Mis L	3,149

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
958	Odin, Marion	Cypress; Mis U	1945	290	764,000	308,000	0	0	0			
959	Okawville, Washington	Silurian; Sil	1951	60	9,000	9,000	0	0	0			
960	Olney Consolidated Richland		1938	2,200	3,190,000	103,000	0	0	0			
961		Lower Ohara; Mis L		120	x	x	0	0	0			
962		McClosky; Mis L		2,100	x	x	0	0	0			
963	Olney South, Richland <sup>83</sup>	Ste. Genevieve; Mis L	1938	180	84,000	41,000	0	0	0			
964	Omaha, Gallatin		1940	730	1,959,000	159,000	120	0	0			
965		Pennsylvanian; Pen			21,000	7,000	0	0	0			
966		Biehl; Pen		260	x	x	0	0	0			
967		Palestine; Mis U		400	x	x	0	0	0			
968		Tar Springs; Mis U		70	x	x	120	0	0			
969		4										
970	Omaha East, Gallatin	Lower Ohara; Mis L	1946	20	8,000	1,000	0	0	0			
971	Omaha South, Gallatin	Rosiclare; Mis L	1951	20	1,000	1,000	0	0	0			
972	Omaha West, Saline		1950	20	22,000	19,000	0	0	0			
973		Cypress; Mis U		20	x	x	0	0	0			
974		Aux Vases; Mis U <sup>31</sup>		10	x	x	0	0	0			
975		4										
976	Omega, Marion <sup>84</sup>	McClosky; Mis L	1946	40	5,000	0	0	0	0			
977	Orchardville, Wayne		1950	40	16,000	12,000	0	0	0			
978		Aux Vases; Mis U		20	2,000	2,000	0	0	0			
979		McClosky; Mis L		20	14,000	10,000	0	0	0			
980	Oskaloosa, Clay	Bethel; Mis U	1950	360	382,000	190,000	0	0	0			
981	Oskaloosa East, Clay		1951	40	20,000	20,000	0	0	0			
982		Aux Vases; Mis U		20	x	x	0	0	0			
983		McClosky; Mis L		40	x	x	0	0	0			
984	Oskaloosa South, Clay	McClosky; Mis L	1951	20	0	0	0	0	0			
985	Pana, Christian	Bethel; Mis U	1951	30	4,000	4,000	0	0	0			
986	Panama, Bond - Montgomery		1940	40	4,000	1,000	280	x	2.0			
987		Pennsylvanian; Pen		0	0	0	160	x	0			
988		Golconda; Mis U		30	1,000	500	0	0	0			
989		Bethel; Mis U		10	3,000	500	120	x	2.0			
990	Parkersburg Consolidated, Richland - Edwards <sup>85</sup>		1941	5,800	7,318,000	588,000	0	0	0			
991		Cypress; Mis U		120	x	x	0	0	0			
992		Paint Creek; Mis U		30	x	x	0	0	0			
993		Bethel; Mis U		30	x	x	0	0	0			
994		Lower Ohara; Mis L			x	x	0	0	0			
995		Rosiclare; Mis L		5,800	x	x	0	0	0			
996		McClosky; Mis L			x	x	0	0	0			
997		4										
998	Parkersburg South, Edwards		1948	60	20,000	8,000	0	0	0			
999		Pennsylvanian; Pen		40	12,000	6,000	0	0	0			
1000		Bethel; Mis U		20	8,000	2,000	0	0	0			
1001	Parkersburg West, Richland - Edwards		1943	240	119,000	16,000	0	0	0			
1002		Lower Ohara; Mis L		40	x	0	0	0	0			
1003		McClosky; Mis L		200	x	16,000	0	0	0			
1004	Passport, Clay		1945	960	1,705,000	107,000	0	0	0			
1005		Rosiclare; Mis L		40	x	x	0	0	0			
1006		McClosky; Mis L		940	x	x	0	0	0			
1007		4										
1008	Passport South, Richland		1948	60	25,000	3,000	0	0	0			
1009		Cypress; Mis U		20	x	x	0	0	0			
1010		McClosky; Mis L		40	x	x	0	0	0			
1011	Patoka, Marion		1937	960	10,517,000	456,000	0	0	0			
1012		Cypress; Mis U		40	x	x	0	0	0			
1013		Bethel; Mis U		920	x	x	0	0	0			
1014		Rosiclare; Mis L		200	x	x	0	0	0			
1015		Devonian; Dev		20	220,000	43,000	0	0	0			
1016	Patoka East, Marion		1941	500	3,470,000	117,000	0	0	0			
1017		Cypress; Mis U		500	x	x	0	0	0			
1018		Bethel; Mis U		60	x	x	0	0	0			
1019	Patoka West, Fayette	Bethel; Mis U	1950	180	66,000	62,000	0	0	0			
1020	Phillipstown Consolidated, White - Edwards		1939	4,400	11,149,000	1,096,000	0	0	0			
1021		Pennsylvanian; Pen			x	x	0	0	0			
1022		Clark - Bridgeport; Pen			x	x	0	0	0			
1023		Pennsylvanian; Pen		1,000	x	x	0	0	0			
1024		Buchanan; Pen			x	x	0	0	0			
1025		Biehl; Pen			x	x	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

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LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC. 1951			RESERVOIR PRESSURE Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
958	29	0	0	0	28	0	x	x	W	x	x	S	P	1,750	13	AL	Dev	3,597
959	3	3	0	0	3	0	x	x		x	x	L	P	2,325	3	R	Sil	2,468
960	88	1	5	0	53	0			W							A	Mis L	3,289
961	8	0	0	0	5	0	x	x		37.2	0.19	L	P	3,005	6	A		
962	80	1	5	0	48	0	x	x	W	37.2	0.19	L	P	3,040	8	A		
963	9	0	0	0	6	0	x	x		x	x	L	P	3,085	4	MC	Mis L	3,297
964	46	4	0	0	39	0			P							D	Mis	2,941
965	13	2	0	0	11	0	x	x		x	x	S	P	375	20	D		
966	4	1	0	0	4	0	x	x		x	x	S	P	1,335	10	D		
967	24	1	0	0	18	0	700	x	P	27.0	0.24	S	P	1,700	15	D		
968	5	0	0	0	3	0	x	x		x	x	S	P	1,900	15	D		
969	0	0	0	0	3	0												
970	1	0	0	0	1	0	x	x		37.0	x	L	P	2,855	8	MCf	Mis L	3,000
971	1	1	0	0	1	0	x	x		x	x	L	P	2,865	1	x	Mis L	3,035
972	2	1	0	0	2	0										A	Mis L	2,996
973	1	1	0	0	1	0	x	x		x	x	S	P	2,520	14	AL		
974	0	0	0	0	0	0	x	x		x	x	S	P	2,800	30	AL		
975	1	0	0	0	1	0												
976	2	0	0	0	0	0	x	x		x	x	L	P	2,490	10	D	Mis L	2,584
977	3	2	0	0	3	0										M	Mis L	3,000
978	1	1	0	0	1	0	x	x		x	x	S	P	2,795	14	ML		
979	2	1	0	0	2	0	x	x		x	x	L	P	2,905	5	MC		
980	36	0	0	0	36	0	x	x		x	x	S	P	2,595	15	A	Mis L	2,961
981	3	2	0	0	2	0										x	Mis L	3,009
982	2	1	0	0	0	0	x	x		x	x	S	P	2,820	5	x		
983	1	1	0	0	2	0	x	x		x	x	L	P	2,895	4	x		
984	1	1	0	0	1	0	x	x		x	x	L	P	2,775	5	x	Mis L	2,883
985	3	3	0	0	3	0	x	x		x	x	S	P	1,475	10	x	Dev	2,847
986	11	1	2	0	3	1										A	Dev	2,016
987	4	0	1	0	0	0	x	x				S	P	575	30	A		
988	3	1	1	0	2	0	x	x		x	x	L	P	705	12	A		
989	4	0	0	0	1	1	x	x		x	x	S	P	865	12	A		
990	195	25	5	0	168	0											Mis L	3,333
991	5	0	0	0	5	0	x	x		x	x	S	P	2,830	12	A		
992	0	0	0	0	3	0	x	x		x	x	S	P	2,955	17	A		
993	1	0	0	0	3	0	x	x		x	x	S	P	2,930	12	A		
994	1	0	0	0	0	0	x	x		x	x	S	P	3,070	10	A		
995	33	14	1	0	32	0	x	x		37.4	0.34	L	P	3,110	10	A		
996	147	10	4	0	115	0	x	x		38.0	0.31	OL	P	3,135	10	A		
997	8	1	0	0	10	0												
998	6	0	1	0	4	0										x	Mis L	3,187
999	4	0	0	0	3	0	x	x		x	x	S	P	1,400	10	x		
1000	2	0	1	0	1	0	x	x		x	x	S	P	2,815	5	x		
1001	8	0	0	0	6	0										A	Mis L	3,331
1002	1	0	0	0	0	0	x	x		x	x	L	P	3,220	5	AC		
1003	7	0	0	0	6	0	x	x		37.0	x	L	P	3,260	6	AC		
1004	49	0	4	0	42	0										A	Mis L	3,625
1005	1	0	0	0	0	0	x	x		x	x	L	P	3,005	5	A		
1006	47	0	4	0	41	0	x	x		37.4	x	L	P	3,020	10	A		
1007	1	0	0	0	1	0												
1008	2	0	0	0	2	0												
1009	1	0	0	0	0	0	x	x		x	x	S	P	2,665	15	A	Mis L	3,155
1010	1	0	0	0	2	0	x	x		x	x	L	P	3,025	6	A		
1011	170	0	2	0	98	0			W							D	Dev	3,142
1012	0	0	0	0	4	0	525	x	W	38.0	x	S	P	x	x	D		
1013	162	0	2	0	83	0	550	x	W	39.0	0.16	S	P	1,410	25	D		
1014	7	0	0	0	10	0	580	x	W	39.0	0.31	S	P	1,560	15	D		
1015	1	0	0	0	1	0	1,200	x		40.0	0.28	L	P	2,835	10	D		
1016	59	0	0	0	51	0										A	Mis L	1,740
1017	54	0	0	0	46	0	x	x		36.0	0.18	S	P	1,340	16	A		
1018	5	0	0	0	5	0	x	x		36.0	0.23	S	P	1,465	10	A		
1019	16	11	0	0	16	0	x	x		x	x	S	P	1,380	6	A	Mis L	1,735
1020	340	37	8	0	277	0			P,W							M	Dev	5,350
1021	1	0	0	0	0	0	x	x		36.0	x	S	P	795	10	MF		
1022	12	0	0	0	8	0	x	x		36.0	x	S	P	1,350	10	MF		
1023	9	0	0	0	5	0	x	x		36.0	x	S	P	1,450	10	MF		
1024	22	3	0	0	15	0	x	x	W	36.0	x	S	P	1,550	15	MF		
1025	40	5	0	0	30	0	500	x	W	36.2	0.22	S	P	1,875	15	MF		



TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION Thousands of Bbl	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
1026		Degonia; Mis U			x	x	0	0	0			
1027		Clore; Mis U		480	x	x	0	0	0			
1028		Palestine; Mis U		50	x	x	0	0	0			
1029		Waltersburg; Mis U		50	x	x	0	0	0			
1030		Tar Springs; Mis U		800	x	x	0	0	0			
1031		Cypress; Mis U		350	x	x	0	0	0			
1032		Paint Creek; Mis U			x	x	0	0	0			
1033		Bethel; Mis U		500	x	x	0	0	0			
1034		Aux Vases; Mis U		500	x	x	0	0	0			
1035		Lower Ohara; Mis L			x	x	0	0	0			
1036		Rosiclare; Mis L		1,300	x	x	0	0	0			
1037		McClosky; Mis L			x	x	0	0	0			
1038		<sup>4</sup>										
1039	Phillipstown South, <i>White</i>	Aux Vases; Mis U	1951	10	x	x	0	0	0			
1040	Pinkstaff, <i>Laurence</i> <sup>86</sup>	McClosky; Mis L	1951	20	0	0	0	0	0			
1041	Plainview, <i>Macoupin</i>	Pennsylvanian; Pen	1942	10	2,000	x	0	0	0			
1042	Posey, <i>Clinton</i>	Cypress; Mis U	1941	20	7,000	1,000	0	0	0			
1043	Raccoon Lake, <i>Marion</i>		1949	320	713,000	223,000	0	0	0			
1044		Cypress; Mis U		190	x	x	0	0	0			
1045		Lower Ohara; Mis L <sup>31</sup>			x	x	0	0	0			
1046		Rosiclare; Mis L		160	x	x	0	0	0			
1047		McClosky; Mis L			x	x	0	0	0			
1048		Devonian; Dev		20	4,000	4,000	0	0	0			
1049		<sup>4</sup>										
1050	Raymond, <i>Montgomery</i>	Pottsville; Pen	1940	100	14,000	1,000	0	0	0			
1051	Raymond East, <i>Montgomery</i>	Pennsylvanian; Pen	1951	10	0	0	0	0	0			
1052	Reservoir, <i>Jefferson</i>	McClosky; Mis L	1950	80	31,000	29,000	0	0	0			
1053	Richview, <i>Washington</i>	Cypress; Mis U	1946	10	5,000	1,000	0	0	0			
1054	Ridgway, <i>Gallatin</i> <sup>87</sup>	McClosky; Mis L	1946	20	100	0	0	0	0			
1055	Rifle, <i>Clay</i>	Rosiclare; Mis L	1948	100	55,000	6,000	0	0	0			
1056	Rinard, <i>Wayne</i> <sup>88</sup>	McClosky; Mis L	1937	20	7,000	0	0	0	0			
1057	Ritter, <i>Richland</i>	Ste. Genevieve; Mis L	1950	60	75,000	17,000	0	0	0			
1058	Ritter North, <i>Richland</i>	McClosky; Mis L	1951	20	1,000	1,000	0	0	0			
1059	Roaches, <i>Jefferson</i>		1938	200	550,000	7,000	0	0	0			
1060		Bethel; Mis U		30	x	x	0	0	0			
1061		Lower Ohara; Mis L		60	x	x	0	0	0			
1062		Rosiclare; Mis L		160	x	x	0	0	0			
1063		McClosky; Mis L		120	x	x	0	0	0			
1064		<sup>4</sup>										
1065	Roaches North, <i>Jefferson</i>		1944	350	1,151,000	49,000	0	0	0			
1066		Bethel; Mis U		350	x	x	0	0	0			
1067		Rosiclare; Mis L		60	x	x	0	0	0			
1068		<sup>4</sup>										
1069	Roby, <i>Sangamon</i> <sup>89</sup>	Silurian; Sil	1949	20	200	0	0	0	0			
1070	Rochester, <i>Wabash</i> <sup>78</sup>		1948	250	377,000	84,000	0	0	0			
1071		Pennsylvanian; Pen		120	x	x	0	0	0			
1072		Waltersburg; Mis U		160	x	x	0	0	0			
1073		<sup>4</sup>										
1074	Roland, <i>White - Gallatin</i>		1940	3,300	10,686,000	592,000	160	0	0			
1075		Pennsylvanian; Pen <sup>31</sup>		10	x	x	0	0	0			
1076		Waltersburg; Mis U		2,000	x	x	160	0	0			
1077		Tar Springs; Mis U		40	x	x	0	0	0			
1078		Hardinsburg; Mis U <sup>31</sup>		30	x	x	0	0	0			
1079		Cypress; Mis U		500	x	x	0	0	0			
1080		Paint Creek; Mis U <sup>31</sup>		40	x	x	0	0	0			
1081		Bethel; Mis U		600	x	x	0	0	0			
1082		Aux Vases; Mis U		600	x	x	0	0	0			
1083		Lower Ohara; Mis L		100	x	x	0	0	0			
1084		Rosiclare; Mis L		100	x	x	0	0	0			
1085		McClosky; Mis L		160	x	x	0	0	0			
1086		St. Louis; Mis L <sup>31</sup>		20	x	x	0	0	0			
1087		<sup>4</sup>										
1088	Roland West, <i>Saline</i>	Aux Vases; Mis U	1950	10	16,000	10,000	0	0	0			
1089	Ruark, <i>Laurence</i>		1941	230	1,234,000	467,000	0	0	0			
1090		Pennsylvanian; Pen		220	x	x	0	0	0			
1091		Bethel; Mis U		10	x	x	0	0	0			
1092	Rural Hill North, <i>Hamilton</i> <sup>90</sup>	Rosiclare; Mis L	1949	20	1,000	0	0	0	0			
1093	Rural Hill West, <i>Hamilton</i>	Aux Vases; Mis U	1945	10	18,000	3,000	0	0	0			
1094	Russellville (Gas), <i>Laurence</i> <sup>91</sup>		1937	40	8,000	1,000	1,800	7,081.6	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING <sup>f</sup> DEC. 1951			RESERVOIR <sup>1</sup> PRESSURE psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
1026	26	1	0	0	17	0	x	x	P	35.0	x	S	P	1,975	15	MF		
1027	4	0	0	0	4	0	x	x		34.4	x	S	P	2,010	12	MF		
1028	0	0	0	0	4	0	x	x		x	x	S	P	2,050	11	MF		
1029	4	0	0	0	4	0	x	x		x	x	S	P	2,280	11	MF		
1030	56	0	1	0	41	0	x	x		35.0	x	S	P	2,295	15	MF		
1031	17	9	0	0	20	0	x	x		36.0	x	S	P	2,720	12	MF		
1032	3	0	0	0	5	0	x	x		x	x	S	P	2,780	9	MF		
1033	28	3	0	0	23	0	x	x		37.0	x	S	P	2,810	15	MF		
1034	22	1	0	0	18	0	x	x		37.0	x	S	P	2,880	15	MF		
1035	7	3	0	0	4	0	x	x		x	x	L	P	3,010	10	MC		
1036	7	2	0	0	3	0	x	x		38.0	x	LS	P	2,960	10	MC		
1037	40	7	5	0	35	0	1,200	x		36.0	0.21	L	P	3,000	6	MC		
1038	42	3	2	0	41	0												
1039	1	1	0	0	1	0	x	x		x	x	S	P	2,980	10	x		
1040	1	1	1	0	0	0	x	x		x	x	L	P	1,735	4	x		
1041	1	0	0	0	1	0	x	x		x	x	S	P	410	5	x		
1042	2	0	0	0	1	0	x	x		35.7	0.18	S	P	1,105	5	M		
1043	33	1	0	0	33	0										D		
1044	18	0	0	0	18	0	x	x		x	x	S	P	1,625	10	D		
1045	0	0	0	0	0	0	x	x		x	x	L	P	1,885	5	DC		
1046	2	0	0	0	1	0	x	x	x	x	S	P	1,930	12	DC			
1047	4	0	0	0	2	0	x	x	x	x	L	P	1,950	10	DC			
1048	1	1	0	0	1	0	x	x	x	x	L	P	3,260	x	D			
1049	8	0	0	0	11	0												
1050	10	0	3	0	3	0	x	x	34.8	0.22	S	P	590	10	ML			
1051	1	1	0	0	1	0	x	x	x	x	S	P	600	10	x			
1052	4	3	0	0	3	0	x	x	x	x	L	P	2,600	4	MC			
1053	1	0	0	0	1	0	x	x	x	x	S	P	1,520	7	AL			
1054	1	0	0	0	0	0	x	x	x	x	L	P	2,840	6	MC			
1055	5	0	1	0	4	0	x	x	x	x	L	P	2,735	7	MC			
1056	1	0	0	0	0	0	x	x	38.5	x	L	P	3,145	5	AC			
1057	3	0	0	0	2	0	x	x	x	x	L	P	3,210	12	MC			
1058	1	1	0	0	1	0	x	x	x	x	L	P	3,200	5	x			
1059	13	0	0	0	7	0									A			
1060	0	0	0	0	3	0	x	x	x	x	S	P	2,000	x	AL			
1061	2	0	0	0	0	0	x	x	37.2	0.22	L	P	2,170	5	AC			
1062	5	0	0	0	1	0	x	x	37.2	0.22	L	P	2,190	12	AC			
1063	6	0	0	0	0	0	x	x	37.2	0.22	L	P	2,250	4	AC			
1064	0	0	0	0	3	0												
1065	34	0	1	0	33	0									A			
1066	32	0	1	0	31	0	x	x	x	x	S	P	1,925	7	A			
1067	1	0	0	0	0	0	x	x	x	x	L	P	2,115	8	AC			
1068	1	0	0	0	2	0												
1069	1	0	1	0	0	0	x	x	x	x	L	P	1,775	5	x			
1070	34	0	0	0	26	0									M			
1071	11	0	0	0	11	0	x	x	x	x	S	P	1,300	16	MCF			
1072	21	0	0	0	13	0	x	x	x	x	S	P	1,940	26	ML			
1073	2	0	0	0	2	0												
1074	230	8	3	1	197	0									A			
1075	0	0	0	0	0	0	x	x	36.0	x	S	P	x	x	AL			
1076	112	0	2	0	86	0	1,200	x	38.2	0.25	S	P	2,150	19	AL			
1077	3	0	0	0	2	0	x	x	x	x	S	P	2,240	10	AL			
1078	0	0	0	0	0	0	x	x	x	x	S	P	x	x	AL			
1079	25	2	1	0	22	0	x	x	32.0	0.12	S	P	2,560	15	AL			
1080	0	0	0	0	0	0	x	x	x	x	S	P	2,750	12	AL			
1081	22	0	0	0	18	0	x	x	32.0	0.20	S	P	2,760	15	AL			
1082	19	1	0	0	13	0	x	x	32.0	0.12	S	P	2,880	12	AL			
1083	1	0	0	0	0	0	x	x	x	x	OL	P	3,000	8	AC			
1084	1	0	0	0	0	0	x	x	38.4	x	L	P	3,020	4	AC			
1085	3	0	0	0	2	0	x	x	38.0	x	L	P	3,050	4	AC			
1086	0	0	0	0	0	0	x	x	x	x	L	P	x	x	AC			
1087	44	5	0	1	54	0												
1088	1	0	0	0	1	0	x	x	x	x	S	P	2,935	15	ML			
1089	23	1	2	0	16	0									A			
1090	22	1	2	0	16	0	x	x	33.0	x	S	P	1,600	10	AL			
1091	1	0	0	0	0	0	x	x	x	x	S	P	2,065	11	AL			
1092	1	0	0	0	0	0	x	x	x	x	L	P	3,325	8	MC			
1093	1	0	0	0	1	0	x	x	x	x	S	P	3,230	16	ML			
1094	60	0	1	0	1	0									A			

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
1095	St. Francisville East, <i>Laurence</i>	Bridgeport; Pen	1941	0	0	0	x	x	0			
1096		Buchanan; Pen		0	0	0	x	x	0			
1097		McClosky; Mis L		40	8,000	1,000	0	0	0			
1098				200	217,000	19,000	0	0	0			
1099		Hardinsburg; Mis U		30	x	x	0	0	0			
1100		Cypress; Mis U		10	x	x	0	0	0			
1101	St. Jacob, <i>Madison</i> St. James, <i>Fayette</i>	Bethel; Mis U	1942	200	x	x	0	0	0			
1102		Trenton; Ord		1,120	2,425,000	103,000	0	0	0			
1103				1938	1,860	11,750,000	427,000	0	0			0
1104		Golconda; Mis U <sup>32</sup>		10	x	x	0	0	0			
1105		Cypress; Mis U		1,860	x	x	0	0	0			
1106		4										
1107	St. Paul, <i>Fayette</i>	Bethel; Mis U	1941	240	473,000	23,000	0	0	0			
1108	Ste. Marie, <i>Jasper</i>	McClosky; Mis L	1941	720	711,000	27,000	0	0	0			
1109	Ste. Marie East, <i>Jasper</i> <sup>92</sup>	Ste. Genevieve; Mis L	1949	80	1,000	0	0	0	0			
1110	Ste. Marie West, <i>Jasper</i>		1949	80	29,000	10,000	0	0	0			
1111	Aux Vases; Mis U <sup>32</sup>	10	x	0	0	0	0	0				
1112	McClosky; Mis L	80	x	10,000	0	0	0	0				
1113	Sailor Springs Central, <i>Clay</i>	Rosiclare; Mis L	1948	20	1,000	500	0	0	0			
1114	Sailor Springs Consolidated, <i>Clay - Effingham</i>		1941	9,960	19,150,000	1,435,000	0	0	0			
1115		Tar Springs; Mis U		700	x	x	0	0	0			
1116		Glen Dean; Mis U		10	x	x	0	0	0			
1117		Cypress; Mis U		7,000	x	x	0	0	0			
1118		Bethel; Mis U		140	x	x	0	0	0			
1119		Aux Vases; Mis U		200	x	x	0	0	0			
1120		Lower Ohara; Mis L			x	x	0	0	0			
1121		Rosiclare; Mis L		4,000	x	x	0	0	0			
1122		McClosky; Mis L			x	x	0	0	0			
1123		4										
1124	Sailor Springs East, <i>Clay</i>	Cypress; Mis U	1944	90	62,000	2,000	0	0	0			
1125	Sailor Springs North, <i>Clay</i> <sup>93</sup>		1948	40	1,000	500	0	0	0			
1126		Rosiclare; Mis L		20	500	0	0	0	0			
1127		McClosky; Mis L		20	500	500	0	0	0			
1128	Salem, <i>Marion</i>		1938	9,600	219,314,000	3,375,000	0	0	0			
1129		Bethel; Mis U			x	x	0	0	0			
1130		Renault; Mis U <sup>31</sup>			x	x	0	0	0			
1131		Aux Vases; Mis U			x	x	0	0	0			
1132		Rosiclare; Mis L		9,600	x	x	0	0	0			
1133		McClosky; Mis L			x	x	0	0	0			
1134		St. Louis; Mis L			x	x	0	0	0			
1135		Salem; Mis L		x	x	0	0	0				
1136		Devonian; Dev		5,680	35,764,000	212,000	0	0	0			
1137		Trenton; Ord		2,160	3,712,000	67,000	0	0	0			
1138		4										
1139	Samsville, <i>Edwards</i> <sup>94</sup>	Waltersburg; Mis U	1942	30	x	x	0	0	0			
1140	Samsville North, <i>Edwards</i>	Paint Creek-Bethel; Mis U	1945	160	164,000	11,000	0	0	0			
1141	Samsville West, <i>Edwards</i>	Lower Ohara; Mis L	1951	40	5,000	5,000	0	0	0			
1142	Sandoval West, <i>Clinton</i>	Cypress; Mis U	1946	10	19,000	2,000	0	0	0			
1143	Santa Fe, <i>Clinton</i> <sup>95</sup>	Cypress; Mis U	1944	10	2,000	0	0	0	0			
1144	Schnell, <i>Richland</i>	McClosky; Mis L	1938	80	221,000	4,000	0	0	0			
1145	Schnell, South, <i>Clay</i>	Rosiclare; Mis L	1951	40	4,000	4,000	0	0	0			
1146	Seminary, <i>Richland</i>	McClosky; Mis L	1945	160	161,000	9,000	0	0	0			
1147	Sesser, <i>Franklin</i>		1942	340	605,000	102,000	0	0	0			
1148		Renault; Mis U			x	x	0	0	0			
1149		Aux Vases; Mis U		300	x	x	0	0	0			
1150		Rosiclare; Mis L <sup>32</sup>		20	x	x	0	0	0			
1151		McClosky; Mis L		80	x	x	0	0	0			
1152		Devonian; Dev		20	x	x	0	0	0			
1153		4										
1154	Shattuc, <i>Clinton</i>		1945	320	325,000	62,000	0	0	0			
1155		Cypress; Mis U		160	x	x	0	0	0			
1156		Bethel; Mis U		10	x	x	0	0	0			
1157		Trenton; Ord		220	200,000	31,000	0	0	0			
1158	Shawneetown, <i>Gallatin</i> <sup>96</sup>	Aux Vases; Mis U	1945	10	500	0	0	0	0			
1159	Shawneetown North, <i>Gallatin</i>	McClosky; Mis L	1948	20	6,000	1,000	0	0	0			
1160	Shelbyville, <i>Shelby</i>	Aux Vases; Mis U	1946	60	17,000	3,000	0	0	0			
1161	Sorento, <i>Bond</i>	Devonian; Dev	1938	140	34,000	0	0	0	0			
1162	Sparta South, <i>Randolph</i> <sup>97</sup>	Cypress; Mis U	1949	10	0	0	0	0	0			
1163	Stanford, <i>Clay</i>		1945	380	770,000	61,000	0	0	0			



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC. 1951			RESERVOIR <sup>1</sup> PRESSURE psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951			
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT <sup>k</sup>	PROD. THICKNESS AVG. FT./ NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.		
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT															
1095	18	0	1	0	0	0	x	x	W			S	P	760	15	A	Mis L	1,960		
1096	42	0	0	0	0	0	x	x				S	P	1,100	12	A				
1097	0	0	0	0	1	0	x	x		x	x	L	P	1,560	7	A				
1098	15	1	0	0	15	0										A				
1099	3	1	0	0	0	0	x	x			x	x	S	P	1,460	6	A	Ord Dev	2,549 3,457	
1100	1	0	0	0	0	0	x	x		x	x	S	P	1,605	15	A				
1101	11	0	0	0	15	0	x	x		37.0	0.21	S	P	1,750	20	A				
1102	53	0	1	0	44	0	x	x		40.0	0.23	L	P	2,260	17	A				
1103	191	0	2	0	147	0										A	Dev Mis L Mis L Mis L	3,570 2,953 3,018 2,968		
1104	0	0	0	0	0	0	x	x		x	x	S	P	1,555	15	A				
1105	190	0	2	0	147	0	x	x		34.4	0.31	S	P	1,580	16	A				
1106	1	0	0	0	0	0														
1107	17	3	0	0	13	0	x	x			34.0	0.23	S	P	1,900	9	A	Dev	3,570	
1108	22	0	0	0	16	0	x	x		38.2	0.14	L	P	2,840	8	AC	Mis L	2,953		
1109	4	0	1	0	0	0	x	x		x	x	L	P	2,685	10	MC	Mis L	3,018		
1110	4	2	0	0	4	0										M	Mis L	2,968		
1111	0	0	0	0	0	0	x	x		38.0	x	S	P	2,720	25	ML				
1112	4	2	0	0	4	0	x	x		38.0	x	L	P	2,815	6	MC				
1113	1	0	0	0	1	0	x	x		x	x	L	P	3,015	4	MC	Mis L	3,109		
1114	611	11	11	0	531	0			C							A	Mis L	3,460		
1115	46	0	1	0	37	0	x	x		37.0	0.17	S	P	2,340	12	A				
1116	0	0	0	0	1	0	x	x		x	x	L	P	2,390	8	A				
1117	350	6	5	0	321	0	x	x	C	38.5	0.28	S	P	2,550	12	A				
1118	10	0	0	0	3	0	x	x		35.5	x	S	P	2,740	20	A				
1119	17	0	0	0	10	0	x	x		39.0	x	S	P	2,825	13	A				
1120	4	0	0	0	2	0	x	x		x	x	OL	P	2,900	6	A				
1121	30	4	0	0	25	0	x	x		38.0	x	LS	P	2,900	8	A				
1122	122	1	4	0	108	0	x	x		38.0	x	OL	P	2,925	8	A				
1123	32	0	1	0	24	0														
1124	9	0	3	0	0	0	x	x		x	x	S	P	2,695	8	D	Mis L	3,168		
1125	2	0	1	0	0	0										M	Mis L	3,126		
1126	1	0	0	0	0	0	x	x		x	x	L	P	2,985	5	MC				
1127	1	0	1	0	0	0	x	x		x	x	L	P	3,030	2	MC				
1128	2,471	1	1	0	1,988	0			W							A	St. Peter	5,655		
1129	491	1	1	0	286	0	x	x	W	38.2	x	S	P	1,780	40	A				
1130	0	0	0	0	0	0	x	x	W	37.0	x	S	P	x	x	A				
1131	152	0	0	0	0	0	x	x	W	38.6	0.21	S	P	1,825	40	A				
1132	9	0	0	0	6	0	x	x	W	37.0	x	LS	P	1,950	5	A				
1133	562	0	0	0	298	0	x	x	W	37.0	x	L	P	1,990	17	A				
1134	0	0	0	0	4	0	x	x		37.0	x	L	P	2,100	x	A				
1135	8	0	0	0	3	0	x	x		37.0	x	L	P	2,160	17	A				
1136	541	0	0	0	216	0	x	x	W	42.1	0.28	L	P	3,440	40	A				
1137	2	0	0	0	47	0	x	x		x	x	L	P	4,500	50	A				
1138	706	0	0	0	1,128	0														
1139	3	1	0	0	1	0	x	x		x	x	S	P	2,420	7	A			Mis L	3,303
1140	14	0	0	0	10	0	x	x		x	x	S	P	2,900	6	A			Mis L	3,220
1141	2	2	0	0	2	0	x	x		x	x	L	P	3,275	8	x	Mis L	3,379		
1142	1	0	0	0	1	0	x	x		x	x	S	P	1,420	4	A	Mis U	1,560		
1143	1	0	0	0	0	0	x	x		x	x	S	P	955	10	A	Dev	2,512		
1144	4	0	0	0	2	0	x	x		37.0	0.19	OL	P	3,000	5	AC	Mis L	3,130		
1145	2	2	0	0	2	0	x	x		x	x	L	P	3,005	4	x	Mis L	3,077		
1146	8	0	0	0	6	0	x	x		x	x	L	P	3,195	8	MC	Mis L	3,333		
1147	24	2	0	0	17	0										A	Dev	4,688		
1148	10	0	0	0	8	0	x	x		39.2	0.17	L	P	2,690	10	AC				
1149	9	2	0	0	6	0	x	x		39.2	0.17	S	P	2,700	10	AL				
1150	0	0	0	0	0	0	x	x		x	x	L	P	2,835	16	A				
1151	1	0	0	0	0	0	x	x		x	x	L	P	2,860	5	A				
1152	1	0	0	0	0	0	x	x		x	x	L	P	4,360	x	A	Ord	4,078		
1153	3	0	0	0	3	0														
1154	27	0	0	0	24	0										A				
1155	12	0	0	0	10	0	x	x		x	x	S	P	1,280	7	AL				
1156	1	0	0	0	0	0	x	x		x	x	S	P	1,420	13	AL	Mis L Dev Mis U Mis L	2,837 3,091		
1157	14	0	0	0	14	0	x	x		40.0	x	L	P	4,020	13	A				
1158	1	0	0	0	0	0	x	x		x	x	S	P	2,650	10	MF				
1159	1	0	0	0	1	0	x	x		x	x	L	P	3,045	6	MF				
1160	5	0	0	0	1	0	x	x		x	x	S	P	1,860	15	A	Mis L	2,119		
1161	7	0	0	0	1	0	x	x		35.4	x	L	C	1,850	4	A	Dev	1,946		
1162	1	0	0	0	0	0	x	x		x	x	S	P	880	8	A	Mis U	900		
1163	18	1	1	0	15	0										M	Mis L	3,152		

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD (County) <sup>a</sup>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
1164	Stanford South, <i>Clay</i>	Cypress; Mis U	1946	20	10,000	0	0	0				
1165		Bethel; Mis U		10	x	x	0	0				0
1166		Rosiclare; Mis L			x	x	0	0				0
1167		McClosky; Mis L		340	x	x	0	0				0
1168		4										
1169	Stanford West, <i>Clay</i>	Aux Vases; Mis U	1947	210	289,000	15,000	0	0	0			
1170		McClosky; Mis L		140	x	x	0	0	0			
1171				100	x	x	0	0	0			
1172				60	60,000	5,000	0	0	0			
1173		Rosiclare; Mis L <sup>32</sup>		20	x	0	0	0	0			
1174	Stewardson, <i>Shelby</i>	McClosky; Mis L	1939	60	x	5,000	0	0	0			
1175		4										
1176		Aux Vases; Mis U		120	116,000	9,000	0	0	0			
1177		Stokes - Brownsville, <i>White</i>		2,800	6,951,000	346,000	0	0	0			
1178		Palestine; Mis U		20	x	x	0	0	0			
1179		Tar Springs; Mis U	1939	100	x	x	0	0	0			
1180		Hardinsburg; Mis U		1,100	x	x	0	0	0			
1181		Cypress; Mis U		220	x	x	0	0	0			
1182		Paint Creek; Mis U			x	x	0	0	0			
1183		Bethel; Mis U		500	x	x	0	0	0			
1184		Aux Vases; Mis U		180	x	x	0	0	0			
1185		Lower Ohara; Mis L			x	x	0	0	0			
1186		Rosiclare; Mis L		900	x	x	0	0	0			
1187		McClosky; Mis L			x	x	0	0	0			
1188		4										
1189	Storms, <i>White</i>		1939	2,200	6,621,000	409,000	460	x	20.5			
1190		Waltersburg; Mis U		2,100	x	x	460	x	20.5			
1191		Tar Springs; Mis U		70	x	x	0	0	0			
1192		Cypress; Mis U		20	x	x	0	0	0			
1193		Bethel; Mis U		10	x	x	0	0	0			
1194		Aux Vases; Mis U <sup>31</sup>	1941	10	x	x	0	0	0			
1195		Ste. Genevieve; Mis L		60	x	x	0	0	0			
1196		4										
1197		Stringtown, <i>Richland</i>		800	1,123,000	60,000	0	0	0			
1198		Stringtown East, <i>Richland</i> <sup>98</sup>		20	2,000	0	0	0	0			
1199	Sumpter, <i>White</i>	McClosky; Mis L	1945	40	15,000	1,000	0	0	0			
1200				90	45,000	25,000	0	0	0			
1201		Tar Springs; Mis U		60	39,000	23,500	0	0	0			
1202		Hardinsburg; Mis U		10	500	500	0	0	0			
1203		Cypress; Mis U		20	5,500	1,000	0	0	0			
1204	Sumpter East, <i>White</i>	Lower Ohara; Mis L	1948	20	8,000	8,000	0	0	0			
1205		Tar Springs; Mis U		110	67,000	26,000	0	0	0			
1206		Tamaroa, <i>Perry</i>		60	17,000	2,000	0	0	0			
1207		Taylor Hill, <i>Franklin</i> <sup>99</sup>		20	14,000	2,000	0	0	0			
1208		Thackeray, <i>Hamilton</i>		560	2,181,000	90,000	0	0	0			
1209		Aux Vases; Mis U	1944	560	x	x	0	0	0			
1210		McClosky; Mis L		160	x	x	0	0	0			
1211		4										
1212		Thompsonville, <i>Franklin</i> <sup>100</sup>		240	285,000	0	0	0	0			
1213		Thompsonville East, <i>Franklin</i>		60	148,000	32,000	0	0	0			
1214	Thompsonville North, <i>Franklin</i>		1944	530	1,373,000	86,000	0	0	0			
1215		Cypress; Mis U		10	4,000	0	0	0	0			
1216		Aux Vases; Mis U		520	1,369,000	86,000	0	0	0			
1217		Toliver, <i>Clay</i> <sup>101</sup>		20	6,000	0	0	0	0			
1218		Toliver East, <i>Clay</i>		80	184,000	6,000	0	0	0			
1219	Tonti, <i>Marion</i>	Rosiclare; Mis L	1943	20	6,000	1,000	0	0	0			
1220		McClosky; Mis L		60	178,000	5,000	0	0	0			
1221				650	9,724,000	264,000	0	0	0			
1222		Bethel; Mis U			x	x	0	0	0			
1223		Aux Vases; Mis U			x	x	0	0	0			
1224	Trumbull, <i>White</i>	Rosiclare; Mis L	1944	650	x	x	0	0	0			
1225		McClosky; Mis L			x	x	0	0	0			
1226		Devonian; Dev		80	x	x	0	0	0			
1227		4										
1228				250	476,000	45,000	0	0	0			
1229		Cypress; Mis U	1944	110	x	x	0	0	0			
1230		Aux Vases; Mis U		80	x	x	0	0	0			
1231		Rosiclare; Mis L		20	x	x	0	0	0			
1232		McClosky; Mis L		60	x	x	0	0	0			
1233		4										
1234	Valier, <i>Franklin</i>	McClosky; Mis L	1942	20	2,000	0	0	0	0			
1235	Waggoner, <i>Montgomery</i>	Pottsville; Pen	1940	40	11,000	0	0	0	0			

TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>c</sup>		WELLS PRODUCING <sup>f</sup> DEC 1951				RESERVOIR PRESSURE <sup>d</sup> PSI		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>a</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL		GAS	INITIAL	AVG./END 1951		GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
1164	2	0	1	0	0	0	x	x		x	x	S	P	2,700	8	ML		
1165	0	0	0	0	1	0	x	x		x	x	S	P	2,885	5	ML		
1166	8	0	0	0	5	0	x	x		x	x	OL	P	3,000	6	MC		
1167	5	1	0	0	8	0	x	x		38.0	x	L	P	3,025	6	MC		
1168	3	0	0	0	1	0												
1169	17	0	1	0	12	0										A	Mis L	3,205
1170	13	0	0	0	12	0	x	x		x	x	S	P	2,970	12	AL		
1171	4	0	1	0	0	0	x	x		37.0	x	L	P	3,090	3	AC		
1172	3	0	0	0	1	0										M	Mis L	3,106
1173	0	0	0	0	0	0	x	x		x	x	L	P	2,980	2	MC		
1174	2	0	0	0	1	0	x	x		x	x	L	P	3,030	6	MC		
1175	1	0	0	0	0	0												
1176	6	0	0	0	6	0	x	x		36.7	0.18	S	P	1,945	9	A	Mis L	2,138
1177	189	0	0	0	151	0										A	Mis L	3,394
1178	2	0	0	0	0	0	x	x		36.0	x	S	P	2,085	2	MF		
1179	2	0	0	0	3	0	x	x		36.0	x	S	P	2,295	15	MF		
1180	92	0	0	0	83	0	x	x		35.6	0.22	S	P	2,630	18	A		
1181	9	0	0	0	7	0	x	x		36.0	x	S	P	2,660	12	MF		
1182	11	0	0	0	13	0	x	x		36.0	x	S	P	2,800	22	AF		
1183	12	0	0	0	8	0	x	x		36.0	x	S	P	2,815	8	AF		
1184	8	0	0	0	7	0	x	x		36.0	x	S	P	2,890	13	AF		
1185	7	0	0	0	1	0	x	x		36.0	x	OL	P	3,035	5	AC		
1186	11	0	0	0	4	0	x	x		36.0	x	LS	P	3,070	8	AC		
1187	18	0	0	0	4	0	x	x		35.8	0.23	OL	P	3,100	8	AC		
1188	17	0	0	0	21	0												
1189	211	26	1	0	159	1										A	Mis L	3,267
1190	198	24	1	0	149	1	x	x		32.1	0.28	S	P	2,230	15	AL		
1191	4	0	0	0	3	0	x	x		36.0	x	S	P	2,340	10	Mf		
1192	2	0	0	0	2	0	x	x		x	x	S	P	2,700	10	Mf		
1193	1	0	0	0	0	0	x	x		x	x	S	P	2,810	x	Mf		
1194	0	0	0	0	0	0	x	x		36.0	x	S	P	3,015	9	Mf		
1195	3	2	0	0	2	0	x	x		x	x	L	P	3,055	5	MC		
1196	3	0	0	0	3	0												
1197	32	0	1	0	30	0	x	x		39.8	0.24	OL	P	3,025	8	AC	Mis L	3,108
1198	1	0	0	0	0	0	x	x		x	x	L	P	3,010	4	x	Mis L	3,144
1199	2	0	0	0	1	0	x	x		x	x	L	P	2,260	4	MC	Mis L	2,365
1200	8	3	0	0	7	0										M	Mis L	3,379
1201	5	2	0	0	4	0	x	x		x	x	S	P	2,575	18	MF		
1202	1	1	0	0	1	0	x	x		x	x	S	P	2,655	14	MF		
1203	2	0	0	0	2	0	x	x		x	x	S	P	2,860	15	MF		
1204	1	1	0	0	1	0	x	x		x	x	L	P	3,120	7	x	Mis L	3,265
1205	9	0	0	0	9	0	x	x		x	x	S	P	2,580	8	ML	Mis L	3,430
1206	4	0	1	0	1	0	x	x		36.0	0.12	S	P	1,130	7	AL	Mis L	1,630
1207	1	0	1	0	0	0	x	x		x	x	L	P	3,055	6	x	Mis L	3,223
1208	50	0	0	0	45	0										A	Mis L	3,660
1209	49	0	0	0	38	0	x	x		37.3	x	S	P	3,360	15	AL		
1210	0	0	0	0	3	0	x	x		x	x	L	P	3,500	10	AC		
1211	1	0	0	0	4	0												
1212	19	0	0	0	0	0	x	x		37.8	0.16	L	P	3,120	10	A	Mis L	3,455
1213	6	0	0	0	6	0	x	x		38.0	x	S	P	3,150	8	ML	Mis L	3,310
1214	70	0	11	0	50	0										A	Mis L	3,365
1215	1	0	0	0	0	0	x	x		x	x	S	P	2,750	10	AL		
1216	69	0	11	0	50	0	x	x		39.0	x	S	P	3,100	20	AL		
1217	1	0	0	0	0	0	x	x		37.1	x	OL	P	2,790	5	MC	Mis L	2,887
1218	4	0	0	0	4	0										M	Mis L	2,946
1219	1	0	0	0	1	0	x	x		x	x	L	P	2,815	6	MC		
1220	3	0	0	0	3	0	x	x		x	x	OL	P	2,840	8	MC		
1221	94	1	0	0	79	0										R	Ord	4,900
1222	9	1	0	0	7	0	x	x		39.0	x	S	P	1,930	20	D		
1223	16	0	0	0	23	0	x	x		39.0	x	S	P	2,005	30	D		
1224	1	0	0	0	0	0	x	x		x	x	LS	P	2,125	12	D		
1225	55	0	0	0	36	0	x	x		39.4	0.21	OL	P	2,130	15	D		
1226	7	0	0	0	4	0	x	x		x	x	L	P	3,500	7	D		
1227	6	0	0	0	9	0												
1228	21	1	1	0	15	0										A	Mis L	3,382
1229	11	1	1	0	7	0	x	x		36.0	x	S	P	2,845	10	A		
1230	6	0	0	0	6	0	x	x		36.0	x	S	P	3,170	9	A		
1231	1	0	0	0	0	0	x	x		x	x	L	P	3,270	6	A		
1232	2	0	0	0	1	0	x	x		x	x	L	P	3,290	5	A		
1233	1	0	0	0	1	0												
1234	1	0	0	0	0	0	x	x		x	x	L	P	2,715	12	ML	Mis L	2,725
1235	4	0	0	0	0	0	x	x		28.0	0.21	S	P	610	10	x	Dev	1,893





LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE Psi		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL <sup>3</sup>		GAS	INITIAL	AVG./END 1951		GRAVITY <sup>2</sup> A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PERCENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT <sup>k</sup>	PROD. THICKNESS AVG. FT./NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
1236	1	0	0	0	0	0	x	x	G	x	x	L	P	3,120	5	x	Mis L	3,184
1237	94	9	1	0	92	0											A	Mis L
1238	6	0	0	0	6	0	x	x	G	36.1	x	S	P	2,465	15	AL		
1239	88	9	1	0	86	0	x	x			38.4	0.13	S	P	3,070	20	A	
1240	2	2	0	0	2	0	x	x		x	x	S	P	3,120	6	x	Mis L	3,362
1241	4	0	0	0	3	0	x	x		37.8	0.14	S	P	2,460	9	A	Mis L	2,905
1242	8	0	0	0	0	0										A	Ord	1,543
1243	1	0	0	0	0	0	x	x				S	P	250	13	A		
1244	7	0	0	0	0	0	360	x		x	x	L	P	1,000	10	A		
1245	33	6	0	0	31	0	x	x		37.0	x	L	P	2,020	10	R	Dev	2,135
1246	11	0	0	0	8	0										M	Mis L	3,419
1247	10	0	0	0	8	0	x	x		36.0	x	S	P	3,140	15	ML		
1248	1	0	0	0	0	0	x	x		x	x	L	P	3,275	5	MC		
1249	65	1	1	0	59	0										A	Mis L	3,156
1250	36	1	0	0	31	0	x	x		39.0	0.13	S	P	2,060	20	A		
1251	2	0	0	0	3	0	x	x		37.0	x	S	P	2,710	20	A		
1252	12	0	0	0	8	0	x	x		38.6	x	L	P	2,760	8	AC		
1253	0	0	0	0	0	0	x	x		x	x	L	P	2,810	8	AC		
1254	4	0	0	0	7	0	1,100	x		38.0	x	L	P	2,825	14	AC		
1255	11	0	1	0	10	0												
1256	10	0	1	0	6	0	x	x		x	x	S	P	400	11	ML	Pen	678
1257	2	0	0	0	0	0										x	Pen	611
1258	1	0	0	0	0	0	x	x		x	x	S	P	275	5	x		
1259	1	0	0	0	0	0	x	x		x	x	S	P	490	10	x		
1260	18	1	0	0	17	0										A	Mis L	3,130
1261	6	0	0	0	5	0	x	x		x	x	S	P	2,310	10	A		
1262	5	1	0	0	6	0	x	x		38.6	0.12	S	P	2,535	10	A		
1263	1	0	0	0	2	0	x	x		x	x	S	P	2,735	15	A		
1264	1	0	0	0	0	0	x	x		x	x	L	P	2,880	10	AC		
1265	2	0	0	0	2	0	x	x		37.6	0.24	L	P	2,870	9	AC		
1266	1	0	0	0	0	0	x	x		37.6	0.24	L	P	3,080	6	AC		
1267	2	0	0	0	2	0												
1268	10	0	0	0	10	0	x	x		x	x	S	P	2,580	10	A	Mis L	3,032
1269	13	0	0	0	9	0										A	Mis L	2,942
1270	1	0	0	0	1	0	x	x		x	x	S	P	2,615	10	AL		
1271	4	0	0	0	2	0	x	x		x	x	S	P	2,680	15	AL		
1272	1	0	0	0	0	0	x	x		x	x	L	P	2,800	5	AC		
1273	0	0	0	0	0	0	x	x		x	x	L	P	2,780	4	AC		
1274	1	0	0	0	1	0	x	x		x	x	L	P	2,900	6	AC		
1275	6	0	0	0	5	0												
1276	15	0	0	0	14	0										A	Dev	4,578
1277	4	0	0	0	2	0	x	x		x	x	S	P	2,515	8	A		
1278	9	0	0	0	3	0	x	x		x	x	S	P	2,585	7	A		
1279	2	0	0	0	9	0												
1280	17	0	5	0	7	0	x	x		x	x	L	P	2,645	6	A	Mis L	3,281
1281	68	1	5	0	61	0										A	Ord	3,257
1282	20	1	0	0	20	0	x	x		x	x	S	P	865	8	AL		
1283	30	0	1	0	28	0	x	x		36.4	0.20	S	P	1,020	6	AL		
1284	3	0	1	0	2	0	x	x		x	x	L	P	2,275	5	AC		
1285	15	0	3	0	11	0	x	x		38.7	0.27	L	P	3,170	12	AC		
1286	175	0	3	0	129	0										A	Dev	3,746
1287	0	0	0	0	0	0	x	x		x	x	S	P	x	x	AL		
1288	3	0	0	0	1	0	x	x		x	x	S	P	1,800	10	AL		
1289	171	0	1	0	101	0	x	x		38.4	0.16	S	P	1,960	25	A		
1290	0	0	0	0	8	0	x	x		38.5	x	S	P	1,975	10	A		
1291	1	0	0	0	0	0	x	x		x	x	LS	P	2,205	15	A		
1292	0	0	0	0	0	0	x	x		x	x	L	P	2,200	3	A		
1293	0	0	0	0	1	0	x	x		38.5	x	L	P	3,700	10	A		
1294	0	0	2	0	18	0												
1295	1	0	0	0	1	0	x	x		35.0	0.19	S	P	2,785	13	A	Dev	4,698
1296	8	8	0	0	8	0										A	Mis L	3,011
1297	7	7	0	0	7	0	x	x		x	x	S	P	2,500	6	AL		
1298	1	1	0	0	1	0	x	x		x	x	S	P	2,710	6	AL		
1299	2	0	1	0	1	0	x	x		x	x	L	P	2,970	7	MC	Mis L	3,059
1300	4	4	0	1	3	0										N	Mis L	3,210
1301	2	2	0	1	1	0	x	x		x	x	L	P	3,085	5	NC		
1302	1	1	0	0	1	0	x	x		x	x	L	P	3,140	4	NC		
1303	1	1	0	0	1	0												
1304	14	0	4	0	8	0										M	Mis L	3,116
1305	0	0	0	0	0	0	x	x		x	x	L	P	2,920	6	MC		
1306	12	0	4	0	7	0	x	x		x	x	L	P	2,985	7	MC		
1307	2	0	0	0	1	0												

TABLE 1 - OIL AND GAS DEVELOPMENTS IN ILLINOIS

LINE NUMBER	FIELD <i>(County)<sup>a</sup></i>	PRODUCING FORMATION	YEAR OF DISCOVERY	OIL PRODUCTION			GAS PRODUCTION			GAS/OIL RATIO <sup>d</sup> MCF/BBL	CONDENSATE PRODUCTION <i>Thousands of Bbl</i>	
		NAME AND AGE <sup>b</sup>		AREA PROVED ACRES	BARRELS		AREA PROVED ACRES	MILLION CU FT <sup>c</sup>			TO END OF 1951	DURING 1951
					TO END OF 1951	DURING 1951		TO END OF 1951	DURING 1951			
1308	Total of fields discovered after January 1, 1937			298,305	1,068,386,000	54,147,000	6,640	7,521.5	349.6			
1309	Total for Illinois			412,050	1,569,409,000	60,244,000	17,965	10,028.0	349.6			

<sup>1</sup> Pressures in Southeastern Illinois oil fields are estimated bottom-hole pressures reported in previous Survey publications; in new pools are pressures as reported by companies.

<sup>2</sup> Gravities for pools prior to 1936 (except those in parentheses) are from data for the year 1925 furnished by the Ohio Pipe Line Company (formerly called the Illinois Pipe Line Company). Gravities in parentheses are for particular samples.

<sup>3</sup> Discrepancies between numbers of original completions and present producing wells in various pays are due in part to reworking of wells.

<sup>4</sup> Wells producing from more than one pay. See Table 7.

<sup>5</sup> Abandoned 1945; revived 1950.

<sup>6</sup> Total of lines 2, 7, 11, 12, 17, 24, 30, and 35.

<sup>7</sup> Includes Kibbie, Oblong, Robinson, and Hardinsville.

<sup>8</sup> Includes Swearingen gas (abandoned).

<sup>9</sup> Total of lines 40, 47, 48, 49, 50, 51, and 52.

<sup>10</sup> Anticline with accumulation controlled by change in character of rock.

<sup>11</sup> Total of lines 54 and 70.

<sup>12</sup> Includes Patton

<sup>13</sup> Total of lines 1, 39, 53, 71, and 72.

<sup>14</sup> Abandoned 1950.

<sup>15</sup> Abandoned 1923.

<sup>16</sup> Reef

<sup>17</sup> Anticlinal with accumulation in sand lense.

<sup>18</sup> Abandoned 1933; revived 1949.

<sup>19</sup> Abandoned 1934.

<sup>20</sup> Abandoned 1925; revived 1942.

<sup>21</sup> Abandoned 1935.

<sup>22</sup> Abandoned 1934.

<sup>23</sup> Abandoned 1919.

<sup>24</sup> Abandoned 1921.

<sup>25</sup> Abandoned 1904; revived 1942.

<sup>26</sup> Abandoned 1930; revived 1939; abandoned 1951.

<sup>27</sup> Abandoned 1937.

<sup>28</sup> Gas not used until 1905; abandoned 1930.

<sup>29</sup> Abandoned 1900.

<sup>30</sup> Total of lines 88 to 116, inclusive.

<sup>31</sup> Producing in combination only.

<sup>32</sup> Produced in workover or combination wells only. Not producing now.

<sup>33</sup> Abandoned 1946.

<sup>34</sup> Abandoned 1950.

<sup>35</sup> Includes Blairsville.

<sup>36</sup> Abandoned 1949.

<sup>37</sup> Abandoned 1949.

<sup>38</sup> Abandoned 1951.

<sup>39</sup> Includes New Haven North

<sup>40</sup> Abandoned 1947.

<sup>41</sup> Abandoned 1950.

<sup>42</sup> Abandoned 1951.

<sup>43</sup> Includes Rural Hill.

<sup>44</sup> Abandoned 1946.

<sup>45</sup> Abandoned 1951.

<sup>46</sup> Abandoned 1940.

<sup>47</sup> Abandoned 1943; revived and abandoned 1948; revived and abandoned 1951.

<sup>48</sup> Abandoned 1951.

<sup>49</sup> Abandoned 1951.

<sup>50</sup> Includes Epworth East.



TABLE 1 - A. H. BELL AND VIRGINIA KLINE

LINE NUMBER	NUMBER OF WELLS <sup>e</sup>			WELLS PRODUCING/ DEC 1951			RESERVOIR PRESSURE <sup>d</sup>		SECONDARY RECOVERY <sup>g</sup>	CHARACTER OF OIL <sup>h</sup>		PRODUCING FORMATION					DEEPEST ZONE TESTED <sup>n</sup> TO END OF 1951	
	COMPLETED TO END 1951	1951		OIL		GAS	INITIAL	AVG./END 1951		GRAVITY A.P.I.	SULPHUR PER CENT	CHARACTER <sup>i</sup>	POROSITY PER CENT <sup>j</sup>	DEPTH TO TOP OF PRODUCING ZONE FT. <sup>k</sup>	PROD. THICKNESS AVG. FT. <sup>l</sup> NET	STRUCTURE <sup>m</sup>	NAME	DEPTH OF HOLE, FT.
		COMPLETED	ABANDONED	FLOWING	ARTIFICIAL LIFT													
1308	22,220	865	425	6	17,415	15												
1309	43,553	957	813	87	26,741	15												

<sup>51</sup> Abandoned 1949.

<sup>52</sup> Abandoned 1951.

<sup>53</sup> Abandoned 1950.

<sup>54</sup> Abandoned 1946; revived 1950.

<sup>55</sup> Discovered in 1945 ; not named until 1950.

<sup>56</sup> Abandoned 1943; revived 1949.

<sup>57</sup> Abandoned 1950.

<sup>58</sup> Abandoned 1944.

<sup>59</sup> Abandoned 1949.

<sup>60</sup> Abandoned 1950.

<sup>61</sup> Abandoned 1946.

<sup>62</sup> Abandoned 1945; revived 1950.

<sup>63</sup> Includes New Haven West

<sup>64</sup> Includes Inman, Inman North, Inman South, and Inman Central.

<sup>65</sup> Includes Mason South.

<sup>66</sup> Abandoned 1945.

<sup>67</sup> Abandoned 1942; revived 1943.

<sup>68</sup> Abandoned 1947.

<sup>69</sup> Abandoned 1946.

<sup>70</sup> Abandoned 1946; revived 1946.

<sup>71</sup> Abandoned 1947; revived 1949.

<sup>72</sup> Abandoned 1950.

<sup>73</sup> Abandoned 1941.

<sup>74</sup> Abandoned 1947.

<sup>75</sup> Abandoned 1939; revived 1940.

<sup>76</sup> Abandoned 1947; revived 1950.

<sup>77</sup> Abandoned 1950.

<sup>78</sup> Illinois portion only.

<sup>79</sup> Abandoned 1948.

<sup>80</sup> Includes Maud Consolidated and Maud North Consolidated.

<sup>81</sup> Abandoned 1948.

<sup>82</sup> Abandoned 1947.

<sup>83</sup> Abandoned 1940; revived 1949.

<sup>84</sup> Abandoned 1950.

<sup>85</sup> Includes Bonpas and Parkersburg North.

<sup>86</sup> Abandoned 1951.

<sup>87</sup> Abandoned 1946.

<sup>88</sup> Abandoned 1942.

<sup>89</sup> Abandoned 1951.

<sup>90</sup> Abandoned 1950.

<sup>91</sup> Gas abandoned 1950.

<sup>92</sup> Abandoned 1951.

<sup>93</sup> Abandoned 1951.

<sup>94</sup> Abandoned 1943; revived 1951.

<sup>95</sup> Abandoned 1947.

<sup>96</sup> Abandoned 1950.

<sup>97</sup> Abandoned 1950.

<sup>98</sup> Abandoned 1950.

<sup>99</sup> Abandoned 1951.

<sup>100</sup> Abandoned 1947.

<sup>101</sup> Abandoned 1945.

<sup>102</sup> Abandoned 1946.

TABLE II A - DISCOVERY WELLS OF NEW FIELDS

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) <u>A/</u>	DATE OF COMPLETION	NO. WELLS PRODUCING IN POOL DEC. 31, 1951
1	Assumption South	Christian	Texas #1 Kemmerer Orphanage	14-12N-1E	2740	Devonian	2632	26; 1	12-31-51	1
2	Beaucoup	Washington	Collins Bros. & Ohering #1 Meinert	10-2S-2W	3080	Devonian-Silurian	3047	50	8-7-51	1
3	Beaucoup South	Washington	D. Hopkins #1 T. Kruski	33-2S-2W	1445	Bethel	1430	103; 4	10-30-51	6
4	Bellmont	Wabash	G. Ellison #1 H. Epler	36-1S-14W	2847	McClosky	2836	240	5-22-51	3
5	Blairsville West	Hamilton	G. C. Schoonmaker #1 R. Thompson	18-4S-7E	3422	McClosky	3416	490	5-1-51	9
6	Jone Gap East	Edwards	B. Kidd #1 A. H. Cowling	4-1S-14W	3115	Lower Ohara	2980	70	2-13-51	1
7	Broughton	Hamilton	Carter #1 J. Van Winkle	27-6S-7E	3330	McClosky	3277	92; 96	8-28-51	1
8	Broughton South	Saline	Skiles #1 M. Pemherton	20-7S-7E	3227	McClosky	3213	28; 30	10-2-51	1
9	Cantrell North	Hamilton	R. Halbert #1 Auten Hrs.	32-6S-5E	3250	Aux Vases	3236	253	9-4-51	6
10	Carlyle South	Clinton	P. Schoendienst #1 D. R. Branch	11-1N-3W	1079	Cypress	1076	9; 12	12-11-51	1
11	Christopher	Franklin	La Grange Pet #1 B. Harrison-Old Ben Coal	21-6S-1E	2822; PB 2685	Lower Ohara	2675	23; 10	2-27-51	0
12	Cottonwood North	Gallatin	Griffith & Berkman #1 Hale	21-7S-9E	2624	Cypress	2607	39	9-25-51	7
13	Exchange North	Marion	Atlas Drlg. #1 E. Sawyer	11-1N-3E	2831; PB 2735	McClosky	2715	152; 50	7-24-51	1
14	Frogtown North	Clinton	Gulf #1 F. Warnecke	6-2N-3W	2340; PB 1234	St. Louis	1195	165	4-17-51	22
15	Gards Point	Wabash	Gilliam Drlg. #1 E. Miller	25-1N-14W	2844	Lower Ohara	2838	312	9-25-51	1
16	Goldengate East	Wayne	C. E. Brehm #1 P. J. Seifert	2-3S-9E	3420; PB 3310	Lower Ohara	3291	29; 35	11-13-51	1
17	Hord South	Clay	Webster & Shirk #1 Roberts	26-5N-6E	2790	McClosky	2781	350	9-11-51	4
18	Irvington East	Jefferson	Ervin & Bassett #2 Hartley	19-1S-1E	1084	Pennsylvanian	1030	24	10-23-51	1
19	Keenville East	Wayne	Bolin & Applehy #1 Clevenger	36-1S-5E	3172	McClosky	3127	67	8-7-51	2
20	Lexington North	Wabash	P. Rossi #1 E. Leitch	23-1S-14W	3004	Lower Ohara	2931	46	6-19-51	1
21	Livingston East	Madison	J. S. Lehwald #1 T. Voyles	26-6N-6W	555	Pennsylvanian	543	4,500,000 cu. ft.	11-27-51	1
22	Locust Grove	Wayne	J. M. Zanetis #1 W. F. Dauhs	31-1N-9E	3306	Lower Ohara; McClosky	3234	218 <u>B/</u>	2-20-51	6
23	Lynchburg	Jefferson	Peak Drlg. #1 Brown	8-3S-4E	3065	McClosky	3050	175	10-23-51	1
24	Mason North	Effingham	Texas #1 R. Sinnickson	10-6N-5E	2521	Rosiclare	2363	53; 8	9-11-51	9
25	Maunie East	White	National Assoc. Pet. #1 Truscott Hrs. "B"	6-6S-11E	2878	Aux Vases	2868	20; 20	12-31-51	1
26	Noble West	Clay	J. H. Gilliam #1 C. Jones	3-3N-8E	3143	Rosiclare	3036	42	10-9-51	1
27	Okawville	Washington	E. A. Oherling #1 Baldwin	15-1S-4W	2336	Silurian	2323	56	5-22-51	3
28	Omaha South	Gallatin	Inland Producers #1 Allen	8-8S-8E	3017; PB 2868	Rosiclare	2866	34; 30	10-9-51	1
29	Oskaloosa East	Clay	National Assoc. Pet. #1 Spicker-Sefton "A"	7-3N-6E	2897	McClosky	2894	297	7-31-51	2
30	Oskaloosa South	Clay	E. A. Ohering #1 Hale	9-3N-5E	2883	McClosky	2770	9	12-18-51	1
31	Pana	Christian	Collins Bros. #1 R. T. Jones	3-11N-1E	2847; PB 1483	Bethel	1472	20; 20	5-15-51	2
32	Phillipstown South	White	Aubrey-Tennant #1 J. L. Brown	11-5S-10E	2994	Aux Vases	2981	30; 5	10-30-51	1
33	Pinkstaff	Lawrence	Cherry & Beehe #1 W. E. Conrad	9-4N-11W	1797	McClosky	1734	15; 65	5-22-51	0
34	Raymond East	Montgomery	L. Marsch #1 M. A. Poggenpohl	22-10N-4W	612	Pennsylvanian	602	50	12-11-51	1
35	Ritter North	Richland	Sanders & Fye #1 Phillips	18-3N-11E	3288	McClosky	3200	52; 10	11-13-51	1
36	Samsville West	Edwards	Peak Drlg. #1 E. King	27-1N-10E	3312	Lower Ohara	3266	200	12-4-51	2
37	Schnell South	Clay	Calvert Drlg. #1 E. Gallagher	13-2N-8E	3071	Rosiclare	3003	85	9-11-51	2
38	Sumpter East	White	George & Wrather #1 R. Winter	32-4S-10E	3265	Lower Ohara	3118	300	12-11-51	1
39	Wapole South	Hamilton	Dee Miller #1 H. E. Howard	8-7S-6E	3133	Aux Vases	3125	350	6-26-51	2
40	Xenia East	Clay	W. W. Dayton #1 G. G. Campbell	11-2N-5E	2535	Cypress	2505	45; 24	7-17-51	4
41	Zenith North	Wayne	George & Wrather #1 D. McGrew	21-2N-6E	3204	Rosiclare; McClosky	3083	251 <u>B/</u>	12-18-51	2

A/ Oil and WaterB/ Producing from 2 pays

TABLE II B - DISCOVERY WELLS OF EXTENSIONS TO POOLS

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) A/	DATE OF COMPLETION
1	Bend	White	B. M. Heath & Inland Prod. #1 J. L. Brown	16-5S-14W	2276	Tar Springs	2256	250	8-7-51
2	Bone Gap	Edwards	Gallagher #1 L. G. Smith	18-1S-14W	3193; PB 2315	Waltersburg	2310	50	8-21-51
3	Bone Gap East	Edwards	G. Wickham #1 Morgan	9-1S-14W	3141	McClosky	3054	12; 3	2-20-51
4	Calhoun Central	Richland	George & Wreather #1 M. Beach	10-2N-10E	3291	Rosiclare	3247	54	5-29-51
5	Calhoun Consol.	Richland	J. B. Murvin #1 E. Arterberry	8-2N-10E	3245	McClosky	3196	8; 50	6-12-51
6	Carroll North	White	E. F. Moran #1 J. Zimmerman	10-5S-9E	2966	Cypress	2948	20; 2	11-20-51
7	Clay City Consol.	Richland	Calvert Drig. #1 B. Pictor	28-5N-10E	2966	McClosky	2883	87; 3	12-18-51
8	Clay City Consol.	Richland	Mark Twain #1 L. Kaskie	23-3N-9E	3025	Rosiclare	3007	85	3-13-51
9	Clay City Consol.	Richland	Joe Bander et al #2 N. Driesser	1-3N-9E	3029	Rosiclare	2976	52	3-13-51
10	Clay City Consol.	Wayne	W. H. Bears #1 G. Bradham	1-1N-8E	3174	Lower Ohara	3116	11; 6	6-26-51
11	Clay City Consol.	Wayne	Mammoth Prod. #1 A. Davis	2-1S-7E	3268	Lower Ohara	3177	62; 8	6-19-51
12	Clay City Consol.	Wayne	Nation #1 C. Mark	26-1S-8E	3107	Aux Vases	3082	30	1-30-51
13	Clay City Consol.	Wayne	Aurora #1 Bunting "A"	35-1S-7E	3276	Lower Ohara; McClosky	3197	234 B/	1-16-51
14	Clay City Consol.	Clay	W. W. Toler #1 Manker	17-3N-8E	2924	Aux Vases	2911	40	5-22-51
15	Divide East	Jefferson	Perrine & Perrine #1 L. C. Ellis	30-1S-4E	2677	Aux Vases	2671	27; 10	11-20-51
16	Eberle	Jeffingham	Robinson-Puckett #1 Becker	23-6N-6E	2686	Rosiclare	2680	28	5-22-51
17	Ellery West	Wayne	McGregor #1 R. Fisher	34-2S-9E	3400	McClosky	3364	55; 55	5-8-51
18	Epworth Consol.	White	Skiles #1 E. A. Strophlet	29-5S-10E	3002	Aux Vases	2993	46	9-4-51
19	Flannigan	Hamilton	Stewart Oil #1 J. Tate	28-6S-5E	3312	Aux Vases	3294	75; 27	12-11-51
20	Frogtown North	Clinton	E. J. Goldschmidt #1 Jaske Comm.	1-2N-4W	2280	Silurian	2264	440; 50	4-17-51
21	Goldengate West	Wayne	N. V. Duncan #1 Locke	17-2S-9E	3459; PB 3330	Aux Vases; Lower Ohara	3244	30 B/	8-21-51
22	Goldengate West	Wayne	Tuley & Carter #1 Evans	8-2S-9E	3252	Aux Vases	3235	12; 3	8-7-51
23	Goldengate West	Wayne	Goodman Oil #1 R. O. Baker	20-2S-9E	3432; PB 3320	Aux Vases	3280	8; 9	12-4-51
24	Gossett	White	H. Atha #1 M. Delap	8-7S-8E	2644	Cypress	2625	35	6-12-51
25	Hidalgo North	Cumberland	Kull Oil #1 Clark	25-9N-9E	2704	Rosiclare	2660	6	10-2-51
26	Hord South	Clay	H. Graham #1 W. McGee	27-5N-6E	2781	McClosky	2775	460; 5	10-23-51
27	Ingraham	Clay	Sun Drig. #A-1 Hinterscher	9-4N-8E	3036	Rosiclare	3010	275	1-16-51
28	Inman East Consol.	Gallatin	Coy Oil #1 H. C. Ford	28-7S-10E	2112	Waltersburg	2097	20	7-3-51
29	Inman West Consol.	Gallatin	Farrell & Ripley #1 A. Maloney	30-8S-10E	2837	McClosky	2832	5; 5	6-5-51
30	Inman West Consol.	Gallatin	H. E. Howard #1 M. Mills	26-8S-9E	2788	Cypress; Aux Vases	2472	135; 45 B/	5-15-51
31	Iola Consol.	Effingham	D. H. Bolin #1 Hetzel	33-6N-5E	2498	McClosky	2488	20; 40	10-9-51
32	Irvington	Washington	Hockman #1 Riechman	25-1S-1W	1540	Barlow;	1524	41 B/	8-28-51
33	Keensburg South	Wabash	White & Vickery #1 G. Garst "B"	34-2S-13W	2408	Cypress	1531	28; 2	7-3-51
34	Keenville	Wayne	N. V. & W. Duncan #1 Blackburn	29-1S-5E	2959	Aux Vases	2946	231	7-17-51
35	Lancaster South	Wabash	Burr Lambert & Hock Island #1 A. L. Seibert	27-1N-13W	2712	Lower Ohara	2670	40; 150	6-12-51
36	Maple Grove East	Edwards	Miracle & Steber #2 J. M. Luther	13-1N-10E	2466	Waltersburg	2448	150; 100	1-16-51
37	Nason	Effingham	H. Luttrell #2 C. J. Moritz	23-6N-5E	2304	Bethel	2296	60	8-21-51
38	Maunie South	White	Farrell & Ripley #1 Westergard Hrs.	30-6S-11E	2999; PB 1924	Degonia	1904	24	5-29-51
39	Mitchell	Wayne	Pappas & Ashland #1 Allison Hrs.	36-2S-9E	3388	McClosky	3322	75; 30	8-21-51
40	Mt. Carmel	Wabash	Indiana Farm Bureau #1 G. H. Zimmerman	10-1S-12W	1993	Cypress	1970	40	8-21-51
41	New Harmony South	White	W. C. McBride #1 Truscott	28-5S-14W	3123; PB 2676	Cypress	2668	14; 90	12-11-51
42	New Haven Consol.	White	Tuley & Carter #1 W. L. Wasem	24-7S-10E	2157	Tar Springs	2137	125; 50	8-7-51
43	Olney Consol.	Richland	D. Baines #1 G. Stangle	25-4N-10E	3162	McClosky	3151	15; 7	6-12-51



TABLE II B - DISCOVERY WELLS OF EXTENSIONS TO POOLS CONTINUED

LINE NUMBER	POOL	COUNTY	COMPANY AND FARM	LOCATION	TOTAL DEPTH FEET	PRODUCING FORMATION	DEPTH TO TOP FEET	INITIAL PRODUCTION (BBL.) A/	DATE OF COMPLETION
44	Parkersburg Consol.	Richland	D. Slape et al #1 Ivey	15-2N-14W	3079	McClosky	3072	47	9-11-51
45	Parkersburg Consol.	Richland	Calvert Drig. #1 W. O. Freeman	21-2N-14W	3101	McClosky	3066	256	7-24-51
46	Parkersburg Consol.	Richland	Calvert Drig. #1 J. McVaigh	16-2N-14W	3133	Rosiclare	3079	192; 15	7-17-51
47	Phillipstown Consol.	White	Ashland & Herndon #1 H. Hanks	14-4S-10E	2841	Bethel	2836	25	9-4-51
48	Reservoir	Jefferson	National Assoc. Pet. #1 Mciffer "A"	29-1S-3E	2585	McClosky	2574	136	11-27-51
49	Ruark	Lawrence	Sanders-Fye #1 Starkman	7-2N-12W	1860	Waltersburg	1603	4; 20	7-24-51
50	Ste. Marie West	Jasper	Bell Bros. #1 C. Rudd	2-5N-10E	2870	McClosky	2847	228	11-27-51
51	Stanford	Clay	Ashland & Becker #1 O. Lee	26-3N-7E	3081	McClosky	3033	60	8-21-51
52	Storns	White	Ashland & N. V. Duncan #1 W. B. Hall	36-5S-9E	3269; PB 3167	Rosiclare	3142	35; 20	9-4-51
53	Whittington	Franklin	J. H. Gilliam #1 Fitzgerald lrs.	29-5S-3E	2980; PB 2540	Cypress	2529	38	6-12-51

A/ Oil and water

B/ Producing from 2 pays

TABLE II C - DISCOVERY WELLS OF ADDITIONAL PRODUCING ZONES IN POOLS

LINE NUMBER	POOL	COUNTY	COMPANY and FARM	LOCATION	TOTAL DEPTH (FEET)	PRODUCING FORMATION	DEPTH TO TOP (FEET)	INITIAL PRODUCTION (BBL) A/	DATE OF COMPLETION
1	Bellmont	Wabash	G. Ellison #1 Fisher Hrs.	36-1S-14W	2925; PB 2661	Bethel	2650	24; 7	7-3-51
2	Bone Gap	Edwards	Gallagher #1 L. G. Smith	18-1S-14W	3193; PB 2315	Waltersburg	2310	50	8-21-51
3	Cottonwood North	Gallatin	S. B. Griffith #6 Hale	21-7S-9E	3056	McClosky	2984	33	12-31-51
4	Ellery West	Wayne	Skiles #1 E. O'Daniel	26-2S-9E	3238	Aux Vases	3230	50 B/	4-24-51
5	Ellery West	Wayne	Ill. Mid-Continent #1 Jones-Kendall	23-2S-9E	3395; PB 3118	Bethel	3109	108; 8	1-30-51
6	Epworth	White	George & Wrather #1 Hanna	32-5S-10E	3067; PB 1866	Pennsylvanian	1847	49; 4	6-26-51
7	Frogtown North	Clinton	E. J. Goldschmidt #1 Jaske Comm.	1-2N-4W	2280	Silurian	2264	440; 50	4-17-51
8	Gosset	White	H. Atha #1 Rabe Shaw	17-7S-8E	2973	Aux Vases	2955	20	6-12-51
9	Gosset	White	H. Atha #1 M. Delap	8-7S-8E	2644	Cypress	2625	35	6-12-51
10	Half Moon	Wayne	Collins Bros. #2 Mabec "B"	28-1S-9E	3310; PB 3212	Aux Vases	3190	9; 24	11-20-51
11	Herald	White	A. J. Slagter #1 S. Bayley	2-7S-9E	700	Pennsylvanian	694	1,600,000 cu. ft.	10-30-51
12	Irvington	Washington	Hockman #1 Riechman	25-1S-1W	1540	Barlow	1525	41 B/	8-28-51
13	Keensburg South	Wabash	White & Vickery #1 Garst	27-2S-13W	2416	Cypress	2404	360	4-24-51
14	Langewisch-Kuester	Marion	W. C. Wellman #1 Langewisch	4-1N-1E	324	Pennsylvanian	798	2; 6	11-6-51
15	Locust Grove	Wayne	J. W. Rudy #1 Denny-Bunting	32-1N-9E	3229	Aux Vases	3218	54	4-3-51
16	Long Branch	Saline	Cullum & Lawhead #1 J. J. Ellis	20-7S-6E	2766	Cypress	2749	80	9-4-51
17	Louden	Fayette	Carter #1-G J. Drees	22-8N-3E	1107	Tar Springs	1103	200,000 cu ft.	10-30-51
18	Mason	Effingham	H. Luttrell #2 C. J. Moritz	23-6N-5E	2304	Bethel	2296	60	8-21-51
19	Mason North	Effingham	Texas #4 E. Tonn	9-6N-5E	2551; PB 2361	Aux Vases	2357	50; 75 B/	12-11-51
20	Mason North	Effingham	Texas #2 R. Sinnickson	10-6N-5E	2504; PB 2269	Bethel	2247	100; 30	10-2-51
21	New Harmony South	White	W. C. McBride #1 Truscott	28-5S-14W	3123; PB 2676	Cypress	2688	14; 90	12-11-51
22	Orchardville	Wayne	Collins Bros. #1 Rutherford Hrs.	29-1N-5E	2808	Aux Vases	2794	29; 20	3-27-51
23	Raccoon Lake	Marion	Texas #10 C. Langenfeld	3-1N-1E	3385	Silurian	3223	109; 101	10-23-51
24	Sumpter	White	Kingwood #1 R. J. Winter	25-4S-9E	3325; PB 2669	Hardinsburg	2655	7; 20	9-18-51

A/ Oil and Water

B/ Producing from 2 pays

TABLE II D - SELECTED LIST OF DRY TESTS

LINE NUMBER	POOL	COUNTY	COMPANY and FARM	LOCATION	TOTAL DEPTH (FEET)	DEEPEST FORMATION	DEPTH TO TOP (FEET)	DATE OF COMPLETION
1		Adams	W. L. King #1 King	6-2N-6W	1030	St. Peter	1026	6-19-51
2		Bond	J. W. Everhart #1 Thomason	18-4N-2W	2558	Silurian	2509	9-18-51
3		Bond	B. Kidd #1 Nash	15-6N-4W	2768	Trenton	2712	5-8-51
4	Iola Consol.	Clay	H. L. Cooper et al #1 C. Pilcher	16-5N-5E	4227	Devonian	3972	4-24-51
5	Carlyle North	Clinton	H. L. Browning #1 P. P. Hughes "D"	23-3N-3W	2558	Devonian	2482	9-18-51
6	Posey	Clinton	J. W. Everhart & Ashland #1 Twenhoeft	17-1N-2W	2729	Silurian	2697	7-10-51
7	Frogtown	Clinton	D. Hopkins #1 Niemeyer	12-2N-4W	3290	Trenton	3205	11-13-51
8		Clinton	Columbus Exploration #1 J. C. Twiss	23-2N-5W	3029	Trenton	2938	6-12-51
9		Clinton	E. J. Goldschmidt #1 Rakers	18-2N-4W	3120	Trenton	3014	6-19-51
10	Siggins	Cumberland	L. Fikes #5 Cochonour	25-10N-10E	2092	Devonian	2044	10-23-51
11		DeWitt	Watkins Drilling #1 H. E. Lippert	1-19N-1E	2400	Trenton	2292	6-12-51
12		Effingham	P. N. Wiggins #1 R. Macklin	8-6N-6E	5000	Silurian	4533	6-5-51
13		Effingham	P. N. Wiggins #1 H. Genaust	18-7N-6E	5000	Maquoketa	4668	4-3-51
14		Fayette	C. J. Simpson & Pure #1 C. Wade	4-4N-1W	2956	Devonian	2769	8-28-51
15		Fayette	F. Strickland #1 W. Hall	28-5N-1E	3097	Devonian	3020	7-24-51
16		Greene	R. V. Henderson #1 M. C. Kirback	17-10N-10W	1264	Trenton	1173	10-30-51
17		Logan	Rocky Ford Limestone Co. #1 Fee	8-19N-3W	1856	Trenton	1746	4-3-51
18		Logan	James McCue #1 R. A. Christison	1-18N-1W	2334	Trenton	2199	6-12-51
19		Madison	H. F. Robison #1 W. Beste	11-3N-7W	2297	Trenton	2247	12-11-51
20		Madison	G. L. Reasor #1 F. Iless	27-4N-6W	2575	Trenton	2481	2-27-51
21		Madison	Dale Hopkins #1 R. M. Winet	29-4N-5W	2764	Trenton	2680	12-4-51
22	Fairman	Marion	Nat'l. Assoc. Pet. #1 F. Lutz "A"	18-3N-1E	2947	Devonian	2873	2-27-51
23		Monroe	A. R. Venuto #1 T. Krestner	20-2S-9W	1750	St. Peter	1500	7-31-51
24		Montgomery	Calvert Drlg. #1 Hopkins	24-9N-5W	2610	Trenton	2501	4-10-51
25		Montgomery	Phillips #1 Brohammer "A"	20-7N-2W	3800	St. Peter	3760	10-30-51
26	Panama	Montgomery	Columbus Exploration #1 Hampton	19-7N-3W	2184	Silurian	2174	10-9-51
27	Raymond	Montgomery	Calvert Drlg. #1 C. Kurfiss	18-10N-4W	2049	Devonian	1891	5-22-51
28		Pulaski	Cache Oil #1 G. Moses	17-16S-1W	2956	Gunter	2950	11-20-51
29		Schuyler	John E. Carson #1 Hedgecock	5-3N-4W	975	St. Peter	958	2-27-51
30	Mt. Carmel	Wabash	Indiana Farm Bureau #2-A Zimmerman	10-1S-12W	4237	Devonian	3907	11-6-51
31	Beaucoup South	Washington	E. A. Obering #1 McWilliams	33-2S-2W	3122	Devonian	2995	12-31-51
32	Dubois	Washington	T. S. Doran #1 F. Kasban	13-3S-2W	3030	Devonian	2955	5-8-51
33		Washington	T. S. Doran #1 Schnitker	15-2S-1W	3336	Devonian	3227	10-16-51
34		Whiteside	E. L. Wirth #1 Guild	27-19N-4E	1178	St. Peter	1063	12-31-51

TABLE III - ILLINOIS COMPLETIONS AND PRODUCTION SINCE JANUARY 1, 1936

PERIOD OF TIME	NUMBER OF COMPLETIONS <u>A</u> /	NUMBER OF PRODUCING WELLS	PRODUCTION (M BBL)		
			NEW FIELDS <u>B</u> /	OLD FIELDS <u>B</u> / <u>C</u> /	TOTAL <u>D</u> /
1936	93	52			4,445
1937	449	292	2,884	4,452	7,426
1938	2,536	2,010	19,771	4,304	24,075
1939	3,617	2,970	90,908	4,004	94,912
1940	3,755	3,080	142,969	4,678	147,647
1941	3,807	2,925	128,993	5,145	134,138
1942	2,017	1,179	101,837	4,753	106,590
1943	1,791	1,090(20) <u>E</u> /	77,581	4,675	82,256
1944	1,991	1,229(12)	72,946	4,467	77,413
1945	1,763	1,094(15)	70,839	4,371	75,210
1946	2,362	1,387(17)	70,174	5,123	75,297
1947	2,046	1,102(22)	61,455	5,004	66,459
1948	2,489	1,316(21)	59,623	5,185	64,808
1949	2,741	1,447(32)	58,571	5,930	64,501
1950	2,894	1,328(23)	55,794	6,234	62,028
1951					
January	172	86	4,706	520	5,226
February	132	75(2)	3,989	439	4,428
March	96	35(1)	4,624	521	5,145
April	137	59(1)	4,495	501	4,996
May	222	75(1)	4,716	541	5,257
June	232	79(6)	4,382	511	4,893
July	281	102(5)	4,613	527	5,140
August	250	101(1)	4,628	539	5,167
September	242	93(4)	4,347	492	4,839
October	229	99(1)	4,721	542	5,263
November	188	66	4,478	493	4,971
December	202	77(1)	4,448	471	4,919
	2,383	947(23)	54,147	6,097	60,244

A/ Includes only oil and gas producers and dry holes.B/ Production figures based on information furnished by oil companies and pipe line companies.C/ Includes Devonian production at Sandoval and Bartelso.D/ From the U. S. Bureau of Mines, except for 1951, which is from Illinois Basin Scout Association monthly reports.E/ Figures in parentheses refer to number of producing wells included in total which had previously been completed as dry holes.

TABLE IV A - WILDCAT WELLS DRILLED IN ILLINOIS IN 1951

WILDCAT NEAR <u>A</u> /			WILDCAT FAR <u>B</u> /			TOTAL WILDCATS	TOTAL PRODUCERS	PERCENTAGE SUCCESSFUL
TOTAL	PRODUCERS	PERCENTAGE SUCCESSFUL	TOTAL	PRODUCERS	PERCENTAGE SUCCESSFUL			
509	78	15.3	330	16	4.8	839	94	11.2

A/ From ½ to two miles from production.B/ More than two miles from production.



TABLE IV B - WILDCAT FAR WELLS CLASSIFIED BY METHOD OF LOCATION

Method of Location	Total	Producers	Percentage Successful
Geology	264	14	5.3
Geophysics	18	2	11.1
Geology and Geophysics	13	0	0
Non-scientific	35	0	0
Total	330	16	4.8

TABLE V - SUMMARY OF DRILLING AND INITIAL PRODUCTION <sup>1/</sup>

County	Total Completions	Number of Wells Drilled in 1951					Total Initial Production		Footage Drilled in 1951	
		Total Producing		Total Dry Holes		Wildcat For <sup>3/</sup>	Oil in Bbl.	Gas in Millions of Cu Ft	Total	Producing Wells
		Oil	Gas	In Pools	Wildcat Near <sup>2/</sup>					
Adams	2	0	0	0	0	2	0	0	1,712	0
Bond	39	4	0	7	11	17	50	0	57,121	4,304
Bureau	1	0	0	0	0	1	0	0	1,257	0
Christian	27	10	0	1	3	13	706	0	64,801	21,933
Clark	57	26	0	16	7	8	516	0	65,326	27,787
Clay	150	61	0	43	39	7	7,598	0	443,056	174,666
Clinton	120	41	0	23	38	18	5,126	0	227,356	75,367
Coles	19	4	0	3	1	11	35	0	18,486	2,969
Crawford	56	30	0	20	3	3	128	0	59,423	28,558
Cumberland	16	3	0	9	1	3	12	0	15,636	1,608
DeWitt	2	0	0	0	0	2	0	0	3,983	0
Douglas	4	0	0	0	0	4	0	0	2,676	0
Edgar	34	4	2	4	6	18	38	1,470	27,014	3,035
Edwards	103	39	0	36	25	3	3,189	0	308,759	110,977
Effingham	48	20	0	16	7	5	1,107	0	119,334	42,822
Fayette	80	24	3	19	10	24	1,017	0.786	138,718	40,282
Franklin	32	7	0	9	13	3	421	0	97,623	18,658
Gallatin	78	31	1	19	20	7	1,606	5,600	201,689	76,060
Greene	1	0	0	0	0	1	0	0	1,264	0
Hamilton	240	112	0	80	33	15	16,910	0	789,772	358,830
Iroquois	1	0	0	0	0	1	0	0	534	0
Jasper	32	9	0	12	8	3	876	0	89,319	24,871
Jefferson	52	11	0	16	13	12	681	0	139,619	28,317
Lawrence	75	26	0	33	11	5	428	0	138,137	38,295
Logan	3	0	0	0	0	3	0	0	5,800	0
McDonough	3	0	0	1	0	2	0	0	1,675	0
Macon	6	0	0	0	0	6	0	0	13,708	0
Macoupin	11	0	0	1	1	9	0	0	7,376	0
Madison	75	17	1	25	16	16	212	4,500	63,599	13,448
Marion	37	5	0	10	10	12	274	0	85,479	10,743
Monroe	1	0	0	0	0	1	0	0	1,750	0
Montgomery	20	2	0	3	4	11	55	0	28,081	1,327
Morgan	1	0	0	1	0	0	0	0	300	0
Moultrie	3	0	0	0	0	3	0	0	8,305	0
Perry	9	0	0	1	3	5	0	0	18,312	0
Piatt	1	0	0	0	0	1	0	0	1,352	0
Pope	1	0	0	0	0	1	0	0	1,690	0
Pulaski	1	0	0	0	0	1	0	0	2,956	0
Randolph	1	0	0	0	0	1	0	0	739	0
Richland	162	59	0	57	40	6	7,576	0	496,431	171,014
St. Clair	3	1	0	0	0	2	25	0	2,292	668
Saline	18	3	0	6	5	4	88	0	51,132	8,655
Sangamon	4	0	0	0	1	3	0	0	6,957	0
Schuyler	2	0	0	0	0	2	0	0	1,415	0
Shelby	12	0	0	0	1	11	0	0	26,479	0
Vermilion	2	0	0	0	0	2	0	0	2,927	0
Wabash	133	59	0	63	11	0	3,431	0	321,958	139,145
Washington	47	18	0	12	3	14	687	0	95,143	30,265
Wayne	236	114	0	71	46	5	8,447	0	769,156	361,340
White	320	176	1	97	41	5	11,984	1,600	910,980	470,628
Whiteside	1	0	0	0	0	1	0	0	1,178	0
Williamson	1	0	0	0	0	1	0	0	1,738	0
	2,383	916	8	714	431	314	73,223	13,956	5,941,523	2,286,572

<sup>1/</sup> Does not include input wells, salt-water disposal wells, or old wells worked over.<sup>2/</sup> Wells drilled between one-half mile and two miles from production.<sup>3/</sup> Wells drilled more than two miles from production.

TABLE VII - FIELDS WITH WELLS PRODUCING FROM MORE THAN ONE FORMATION

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations a/
Ab Lake	Gallatin	1	1 ReA
Aden Consolidated	Wayne, Hamilton	33	2 AL, 3 ALM, 27 AM, 1 MS
Aden South	Hamilton	8	2 AR, 1 AM, 1 LM, 4 RM
Akin West	Franklin	1	1 LR
Albion Consolidated	Edwards, White	47	3 MaBr, 2 BrBi, 1 BrBiB, 1 BrDA, 1 BrA, 9 BiW, 1 BiWRe, 1 BiWReA, 1 BiWTM, 1 WCRaA, 1 WCB, 1 WReA, 1 WReAM, 1 WBrE, 1 WM, 2 TC, 1 CA, 1 CAM, 1BRaA, 13 BA, 1 BM, 1 ALM, 1 LM
Albion East	Edwards	2	1 LM, 1 RM
Barnhill	Wayne	2	1 LM, 1 AM
Belle Prairie	Hamilton	1	1 AM
Bennington	Edwards, Wayne	1	1 AM
Benton North	Franklin	4	1 PA, 2 LM, 1 RM
Bible Grove North	Effingham	1	1 CM
Bone Gap South	Edwards	2	1 LM, 1 RM
Boyd	Jefferson	38	36 BA, 2 BAL
Browns	Edwards, Wabash	11	1 CBM, 7 CM, 2 CB, 1 TM
Browns South	Edwards	1	1 BA
Bungay Consolidated	Hamilton	13	7 ReA, 1 ReM, 4 AM, 1 ALM
Calhoun Consolidated	Richland, Wayne	10	8 RM, 2 LM
Calhoun North	Richland	1	1 RM
Cantrell South	Hamilton	1	1 AL
Carmi North	White	1	1 CA
Centerville East	White	14	9 TC, 1 TCM, 1 TLM, 1 TB, 1 CB, 1 BA
Centralia	Clinton, Marion	9	9 CB
Clay City Consolidated	Clay, Wayne, Richland, Jasper	221	1 CA, 1 CAM, 1 CLM, 1 CR, 14 CM, 1 BM, 9 AL, 2 ALR, 4 ALRM, 3 ALM, 6 AR, 18 ARM, 74 AM, 6 LR, 6 LRM, 27 LM, 47 RM
Clay City North	Clay	1	1 RM
Clay City West	Clay	1	1 AM
Coil West	Jefferson	4	1 AL, 2 ALM, 1 LRM
Concord	White	20	1 TCA, 1 TA, 1 TM, 1 CAM, 1 ReALM, 1 ReLM, 2 ALM, 1 LM, 11 AM
Concord Central	White	1	1 CAM
Concord North	White	1	1 AM
Dale Consolidated	Hamilton	211	1 THA, 6 TC, 2 TCBA, 3 TCA, 3 TA, 2 HC, 1 HCB, 3 HCBA, 2 HBA, 1 CP, 2 CPAL, 1 CPL, 1 CB, 7 CBA, 3 CA, 1 CAL, 3 CL, 2 CBAM, 1 CAM, 1 CM, 8 PA, 3 PAL, 1 PLRM, 78 BA, 20 AL, 1 ALR, 18 ALM, 1 LR, 10 LM, 22 AM, 1 AR, 2 RM
Divide	Jefferson	1	1 LM
Divide West	Jefferson	10	5 LM, 1 LRM, 4 RM
Dubois West	Jefferson	1	1 CB
Dundas East	Richland, Jasper	1	1 RM
Ellery	Edwards, Wayne	1	1 AM
Ellery West	Wayne	4	4 AL
Exchange	Marion	1	1 LM
Fairfield	Wayne	6	4 TC, 2 CA
Flora	Clay	4	4 BM
Goldengate Consolidated	Wayne, White	34	1 AR, 3 ARM, 8 AM, 3 LR, 5 LRM, 4 LM, 10 RM
Goldengate North	Wayne	2	2 LR
Goldengate West	Wayne	1	1 AL
Herald	White, Gallatin	5	1 PePA, 1 WT, 2 AM, 1 LM
Inman East Consolidated	Gallatin	31	1 DC1, 1 DWC, 2 C1T, 1 C1PaWT, 1 PaT, 1 PaWC, 2 WT, 3 WC, 2 WTC, 6 TC, 10 HC, 1 AM
Inman West Consolidated	Gallatin	25	1 PaT, 2 TH, 11 TC, 1 THC, 1 TRaA, 1 TL, 4 HC, 2 CA, 1 CM, 1 LM
Iola Consolidated	Clay, Effingham	50	1 CB, 14 CBA, 1 CPBA, 1 BRaA, 25 BA, 2 BAR, 1 BAM, 2 AM, 3 RM
Iron	White	2	1 AM, 1 LR
Irvington	White	7	7 CB

Field	County	Total Number of Combination Wells	Number of Wells and Producing Formations @/
Johnsonville Consolidated	Wayne	68	1 AL, 9 ALM, 44 AM, 14 LM
Johnsonville North	Wayne	1	1 LM
Keenville	Wayne	1	1 LM
Kenner West	Clay	14	12 CB, 1 CM, 1 BM
King	Jefferson	8	6 AL, 1 AR, 1 ALRM
Lancaster	Wabash, Lawrence	1	1 PB
Lancaster Central	Wabash	1	1 LR
Locust Grove	Wayne	1	1 LM
Louden	Fayette, Effingham	652	220 CP, 188 CPB, 15 CPA, 11 CPBA, 49 PB, 2 PA, 147 CB, 10 CBA, 2 CA, 8 BA
Markham City West	Jefferson	11	11 AM
Mattoon	Coles	93	84 CR, 4 CA, 5 AR
Maunie North	White	2	1 LM, 1 RM
Maunie South	White	8	6 PaT, 1 TC, 1 CA
Miletus	Marion	4	2 BA, 2 AM
Mill Shoals	White, Hamilton, Wayne	6	1 AR, 3 AM, 1 LR, 1 LM
Mitchell	Edwards, Wayne	1	1 LM
Mt. Camel	Wabash	40	3 PeC, 1 BiW, 2 BiTC, 6 BiC, 3 BiCM, 2 BiB, 1 BiL, 3 JC, 5 TC, 1 TB, 1 TM, 6 CM, 1 LR, 1 LRM, 2 LM, 2 RM
New Harmony Consolidated	White, Wabash, Edwards	351	1 JmBA, 2 BiPa, 2 BiPaC, 1 BiPaCM, 1 BiCl, 4 BiC, 1 BiB, 4 DA, 2 ClCB, 3 WT, 4 WTC, 1 WTCB, 1 WTCBA, 14 WC, 11 WCB, 11 WCBAL, 1 WCBAL, 2 WCA, 1 WCAL, 1 WCAM, 1 WCM, 2 WBA, 1 WA, 1 WAM, 1 WM, 7 TC, 1 TCP, 1 TCPB, 1 TCB, 4 TCBA, 1 TCAL, 1 TCAM, 6 TCA, 3 TCM, 1 TB, 2 TA, 2 TM, 4 CP, 6 CBP, 5 CPA, 1 CPAL, 85 CB, 71 CBA, 1 CBAL, 2 CBAM, 1 CBL, 3 CBM, 18 CA, 1 CAM, 2 CL, 2 CM, 7 PB, 6 PA, 1 PAR, 18 BA, 2 BAM, 1 BRM, 1 BM, 1 AL, 1 ALM, 6 AM, 1 LM
New Harmony South (Ind.)	White	2	2 DPa
New Haven Consolidated	White	2	1 CA, 1 TCM
Omaha	Gallatin	3	3 PaT
Omaha West	Saline	1	1 CA
Parkersburg Consolidated	Richland, Edwards	10	1 CB, 5 CM, 1 LM, 3 RM
Passport	Clay	1	1 RM
Phillipstown Consolidated	White, Edwards	41	1 PeCl, 2 PePa, 4 PeB, 1 BiC, 2 DC1, 1 DC1T, 5 DT, 1 DM, 1 DA, 4 ClT, 1 PaC, 1 TB, 2 TA, 1 CB, 2 PA, 1 PAM, 5 BA, 1 BAM, 1 BL, 1 AM, 2 LM, 1 RM
Raccoon Lake	Marion	11	2 CM, 1 LRM, 8 RM
Roaches	Jefferson	3	2 RM, 1 LR
Roaches North	Jefferson	2	2 BR
Rochester	Wabash	2	2 PeW
Roland	White, Gallatin	55	1 PeB, 3 WHA, 3 WC, 1 WCPA, 1 WCBA, 2 WP, 1 WPA, 4 WB, 9 WA, 13 CB, 1 CBA, 4 CA, 1 CSt, 4 BA, 1 BM, 2AL, 1 AR, 3 LRM
Sailor Springs Consolidated	Clay, Effingham	24	2 TC, 7 CBM, 1 CR, 1 CRM, 11 CM, 1 BM, 1 AC
Salem	Marion	1128	650 BReA, 1 BAM, 10 BM, 1 BS, 1 BDe, 46 ReA, 1 AM, 13 AS, 3 RM, 288 MS, 12 MSt, 1 StS, 3 SDe, 98 DeTr
Sesser	Franklin	3	3 AM
Stanford	Clay	1	1 RM
Stokes-Brownsville	White	21	2 TC, 1 TP, 1 TB, 1 HR, 3 CP, 1 CLR, 3 CB, 3 CA, 2 PA, 1 PL, 1 PLR, 2 LR
Storms	White	3	2 WT, 1 WA
Thackeray	Hamilton	4	4 AM
Tonti	Marion	9	5 BA, 1 BM, 1 AM, 2 RM
Trumbull	White	1	1 AR
West Frankfort	Franklin	10	1 AL, 1 LR, 7 LM, 1 LRM
Whittington	Franklin	2	1 HC, 1 MSt





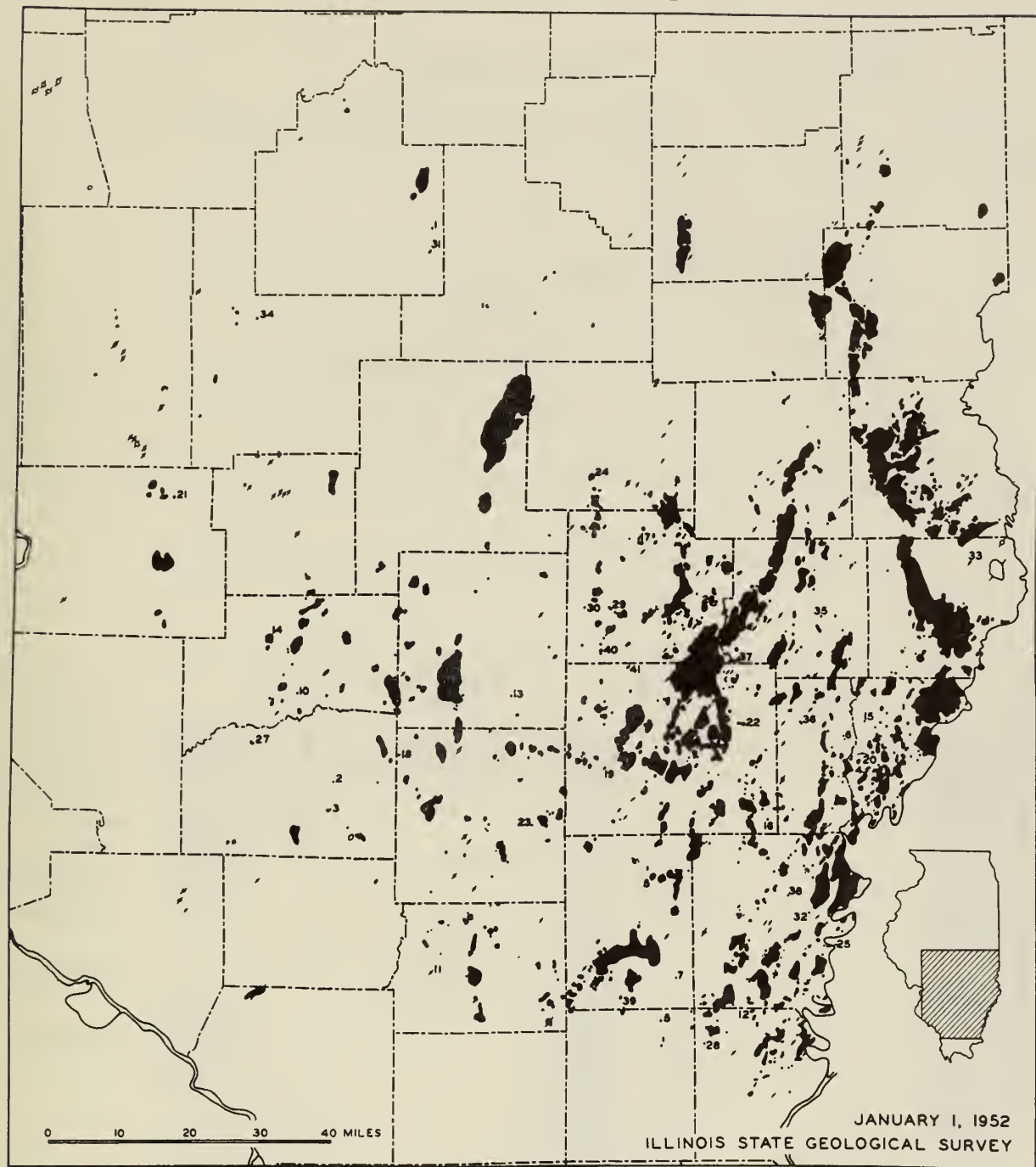


FIG. 1 - OIL AND GAS FIELDS OF ILLINOIS. NUMBERS INDICATE 1951 DISCOVERIES.

- |                      |                     |                        |
|----------------------|---------------------|------------------------|
| 1. Assumption South  | 15. Gards Point     | 28. Omaha South        |
| 2. Beaucoup          | 16. Goldengate East | 29. Oskaloosa East     |
| 3. Beaucoup South    | 17. Hord South      | 30. Oskaloosa South    |
| 4. Belmont           | 18. Irvington East  | 31. Pana               |
| 5. Blairsville West  | 19. Keenville East  | 32. Phillipstown South |
| 6. Bone Gap East     | 20. Lexington North | 33. Pinkstaff          |
| 7. Broughton         | 21. Livingston East | 34. Raymond East       |
| 8. Broughton South   | 22. Locust Grove    | 35. Ritter North       |
| 9. Cantrell North    | 23. Lynchburg       | 36. Samsville West     |
| 10. Carlyle South    | 24. Mason North     | 37. Schnell South      |
| 11. Christopher      | 25. Maunie East     | 38. Sumpter East       |
| 12. Cottonwood North | 26. Noble West      | 39. Walpole South      |
| 13. Exchange North   | 27. Okawville       | 40. Xenia East         |
| 14. Frogtown North   |                     | 41. Zenith North       |

TABLE 1-OIL AND GAS DEVELOPMENTS IN ILLINOIS

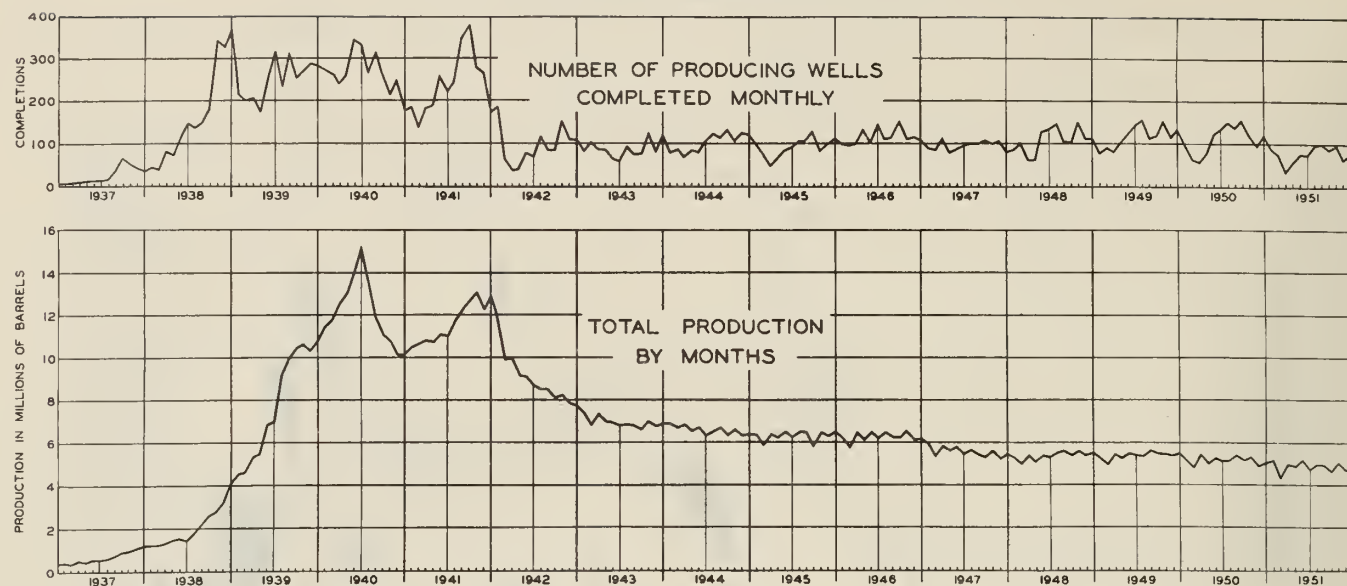


FIG. 2 - NUMBER OF PRODUCING WELLS AND OIL PRODUCTION IN ILLINOIS, 1937 TO 1951

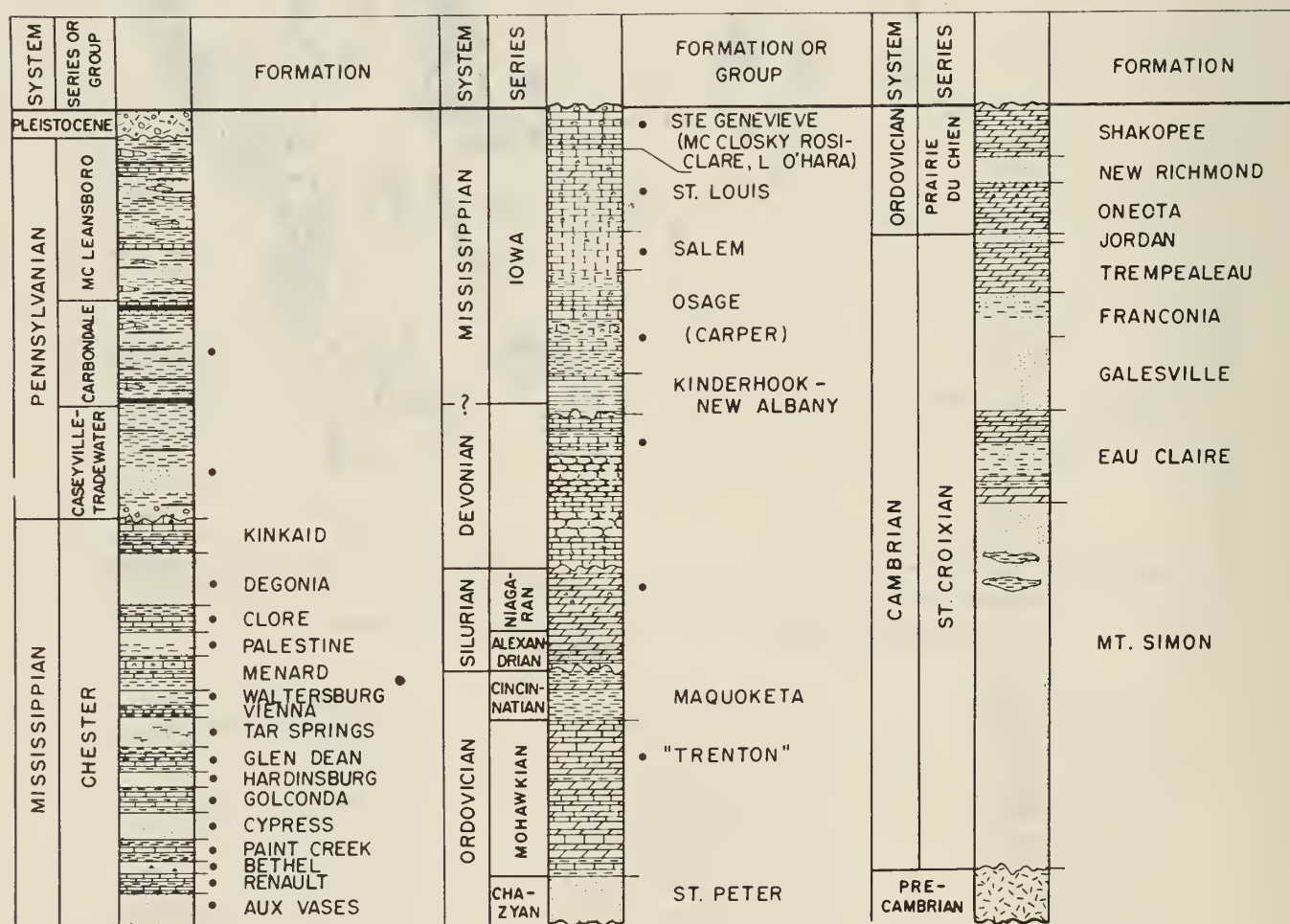


FIG. 3 - GEOLOGIC COLUMN FOR SOUTHERN ILLINOIS SHOWING OIL PRODUCING STRATA (\*)









